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**MANUEL
DE
PLANCTONOLOGIE
MÉDITERRANÉENNE**



Tome II

Illustrations

CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE

P A R I S

1957

MANUEL DE PLANCTONOLOGIE MÉDITERRANÉENNE

ERRATA

corrigés

VOLUME II PLANCHES

Planche 2. *Mettre* 6 sous la fig. qui est au-dessus de fig. 8 B, A.

Planche 28. *Mettre* 6 au-dessous de la dernière fig. A, B, à droite, en haut.

Planche 30. *Mettre* 7 au-dessous de la fig. qui est au-dessus de la fig. 9.

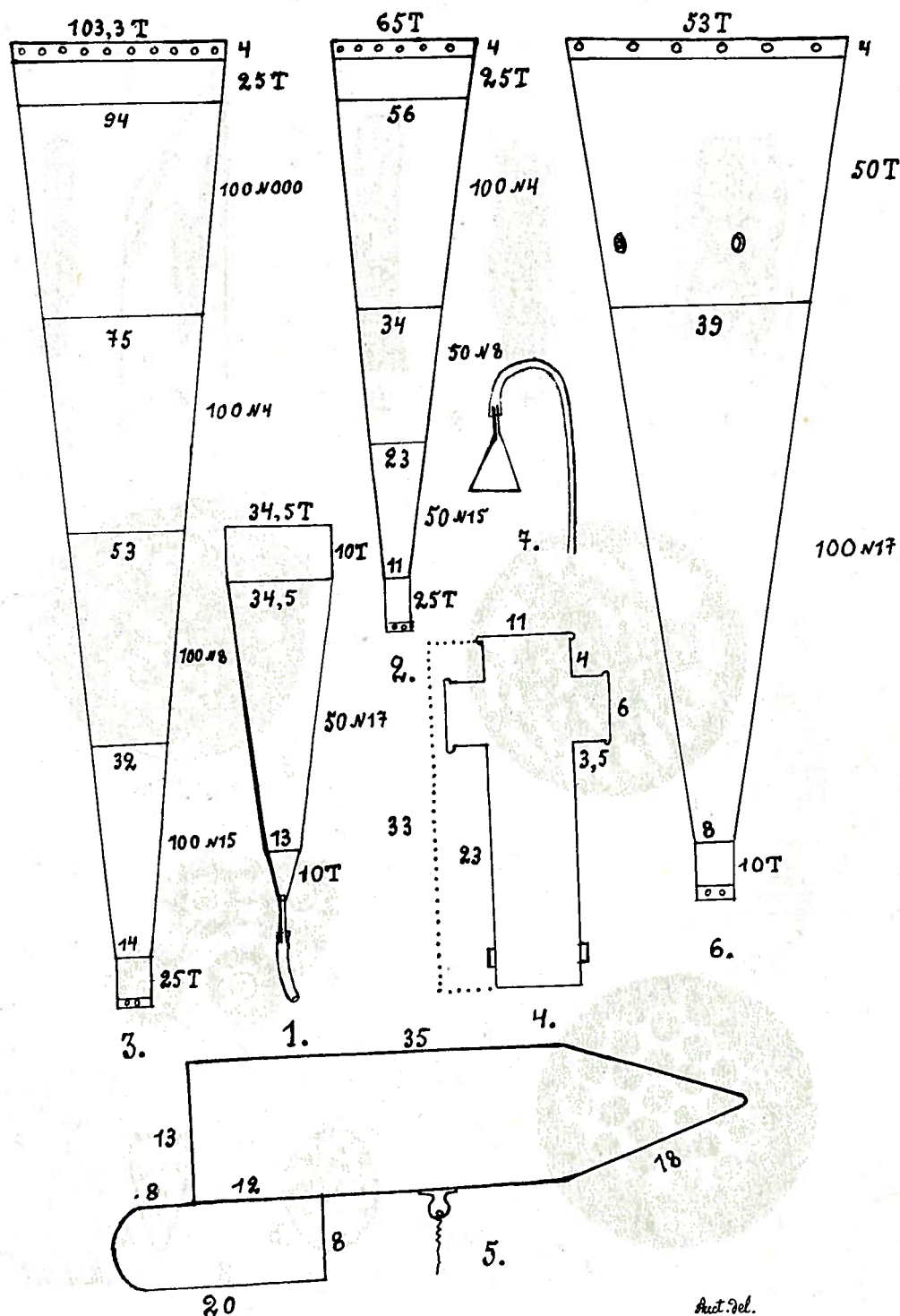
Planche 33. *Mettre* 3 au-dessous de la fig. A, B, C, D, E, F, à droite, en haut;

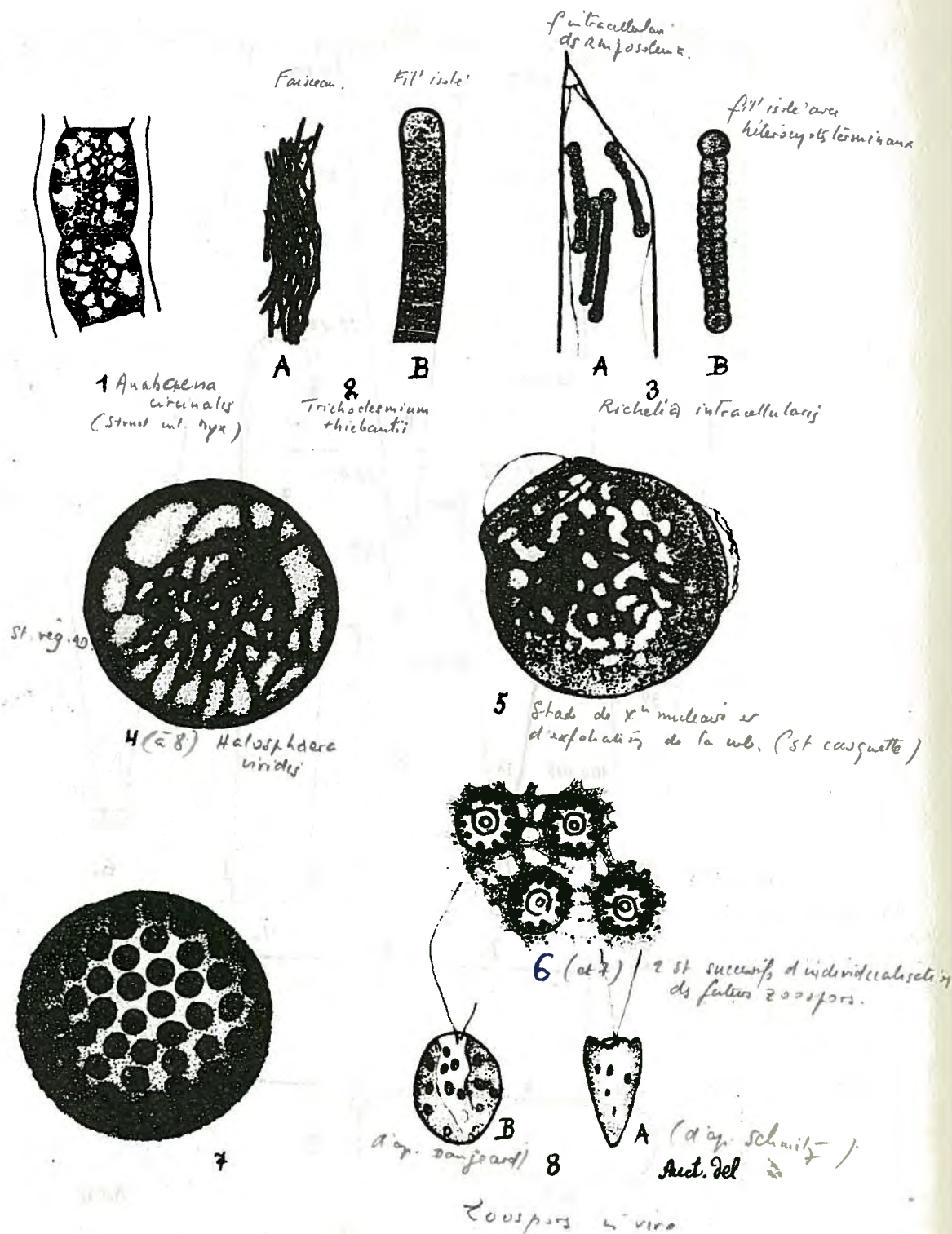
Mettre 5 au-dessous de la fig. A, B, C, D, à droite, en bas;

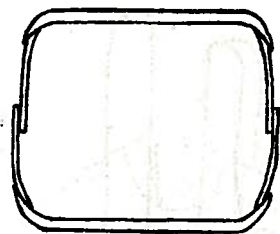
Rectifier 28 au-dessous de la 1^{re} fig. à droite, dernière rangée en bas.

Planche 62. *Mettre* 4 au lieu de 1 au-dessous de la 1^{re} fig., qui se trouve à gauche de la 1^{re} rangée en haut.

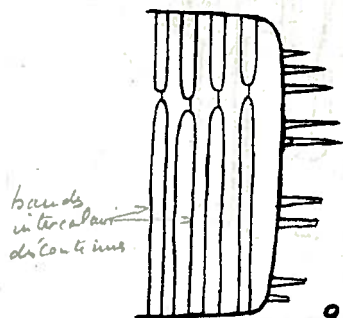
Planche 102, *ajouter* à la légende : Nauplius de Copépodes (Cyclops).



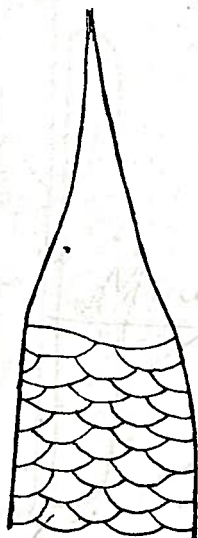




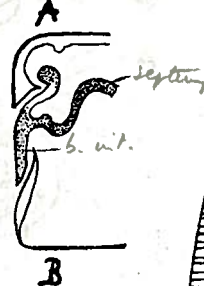
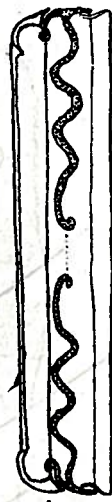
1 Coupe sch. frustule.



2 *Lauderia annulata*



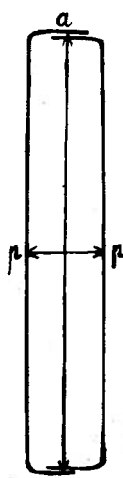
3 *Rhizosolenia bergonii*



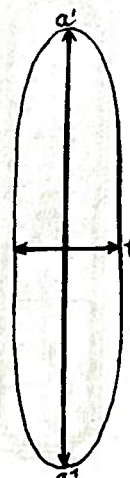
5

me par
cinture

me par
valve

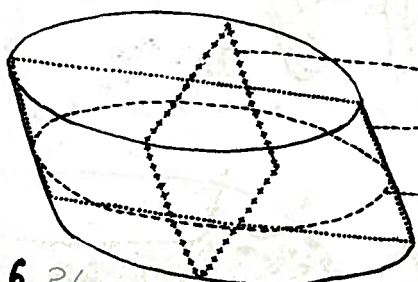


6



7

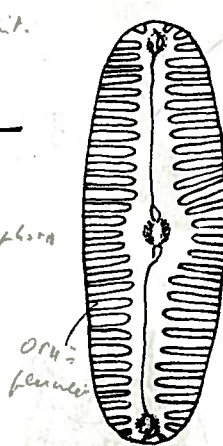
- Axe 5 de symétrie -



8 Plans de symétrie et frustule

P. Transversal
P. Apical
P. Valvare

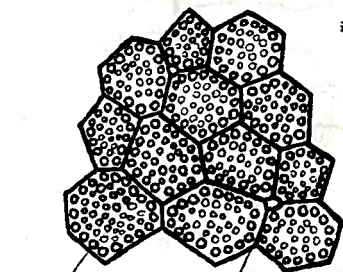
9 *Grammotophora*



10

Pinnularia lata

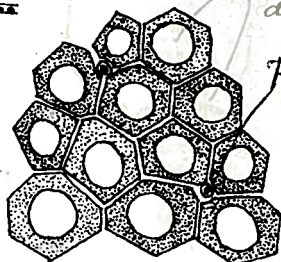
11 *Pinnularia unida*



12



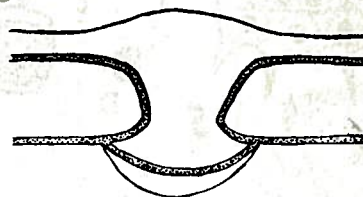
13



14

15 *Coscinodiscus asterocephalus*

orifices
des chambres
vers d'c
de la valve



16

P. unida. Aust. 92

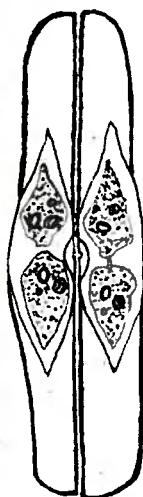
(Union d'c de la valve
de la valve centrale)



1 *Pinnularia major*.



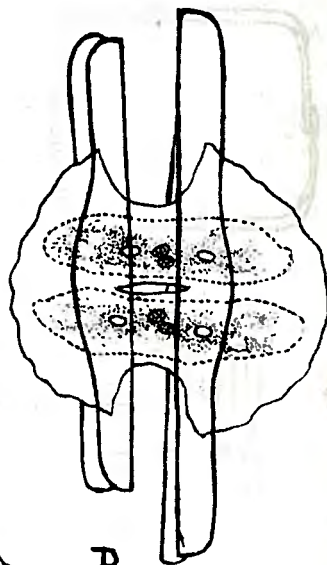
A



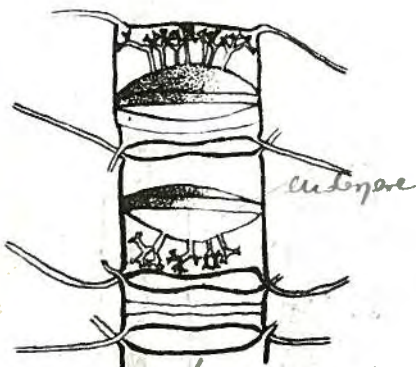
B



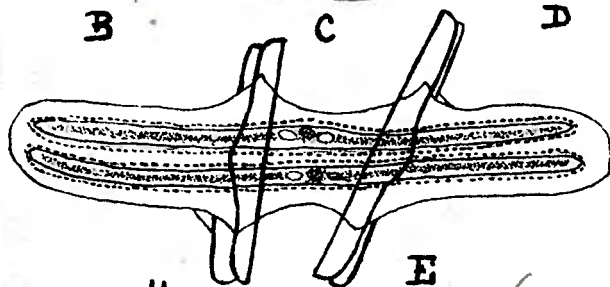
C



D

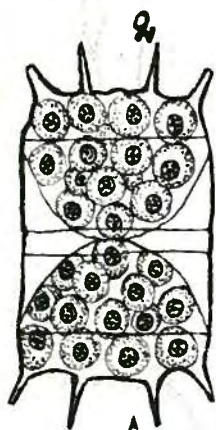


Chetoceros subsecundus



E

4 *Rhopilema gibba* (Auxosporulation)



A



B



C



D



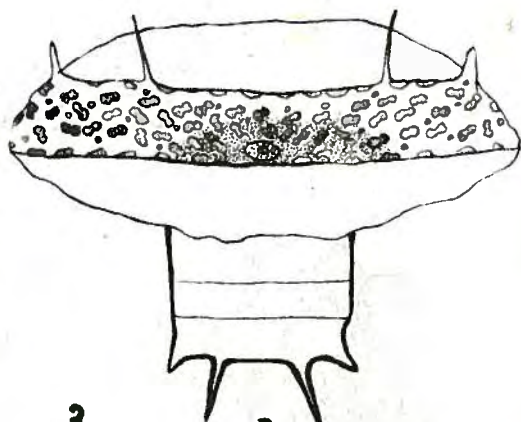
E

5

Biddulphia mobilis (microsporulation)



A



B

3

Biddulphia mobilis

Aut. Vol.

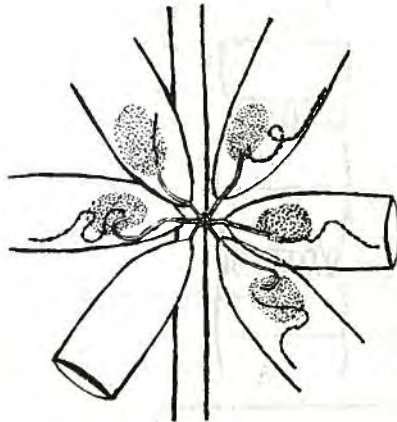
(2 états d'Auxosporulation)

D. *Cocconeis discus* var. *indus* : microspora.

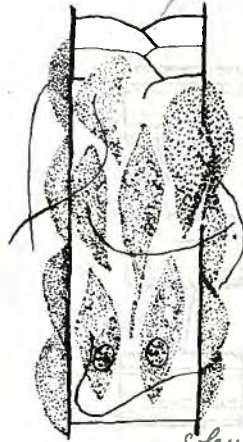
E. *Nitzschia* var. *varians*.

(Zygote avec 4 flagella)

montant l'échelle de valves)



A *Biscocella mediterranea*
(sur *Nitzschia acuta*.)



B *Solenocota seligera*

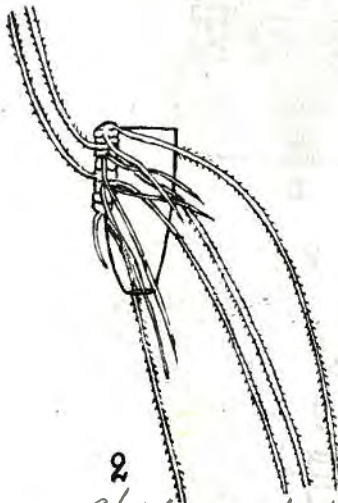
sur *Dactyliosolen bergonii*



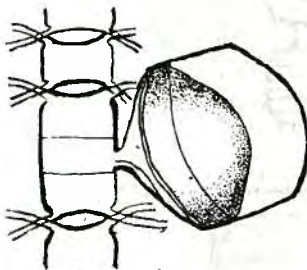
C



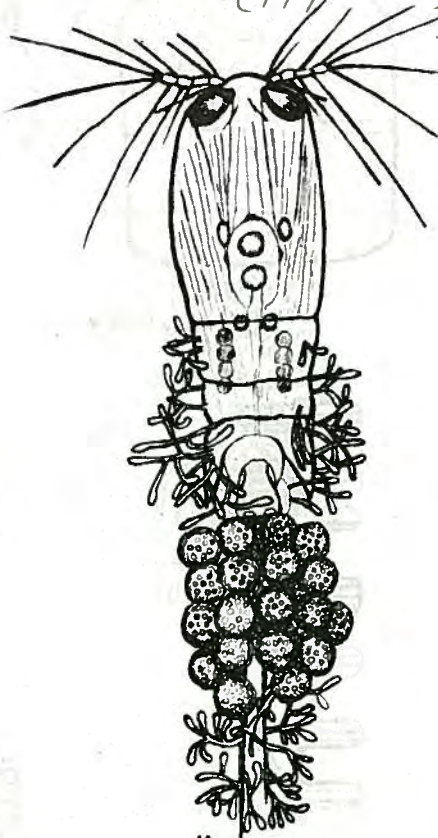
3 *Planctonella* sp.
(sur *Eutima lutea* Lund)



2 *Chaetoceros dasy*
(sur *Tentaculites* ?)

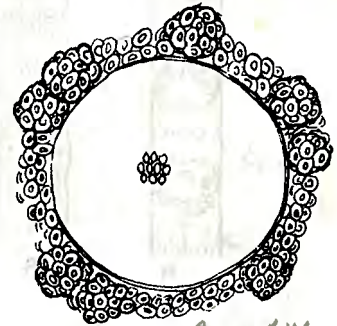


1 *Chaetoceros eisenii*
(auxospore)



5 *Flagellum* auf
(Epiphyte sur Diat.)

4 *Leimospira elongata*
(sur *Gyrodinium aureolum*)

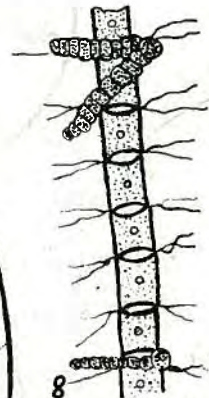


6 *Coccolithus sessilis* (X)
(sur *Coccolithus*)

Rhizosolenia



7

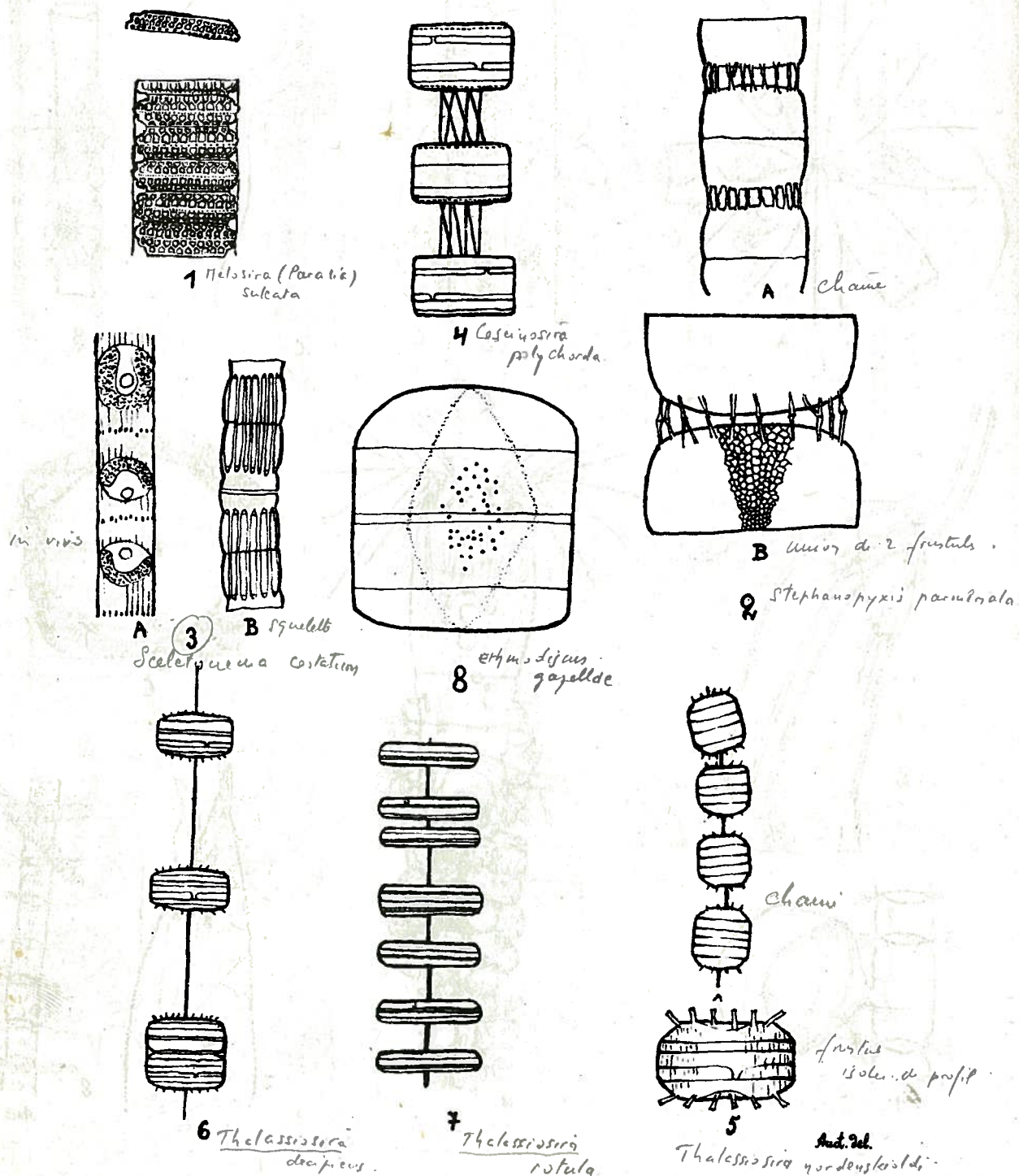


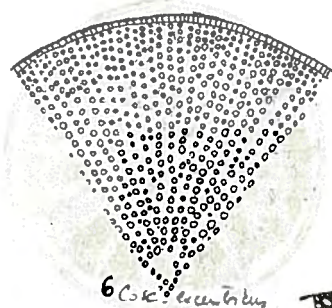
8

Chaetoceros
costatus

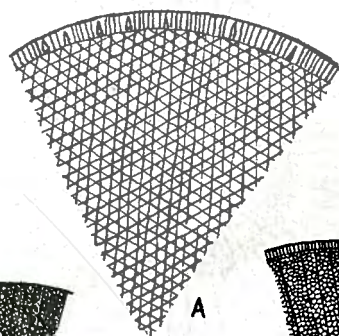
Aut. Del.

Richelia intracellularis





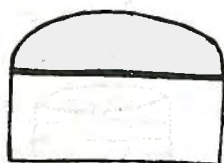
6 *Coc. eccentricus*



A



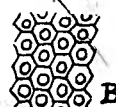
3 *Coc. radiatus*



A profil

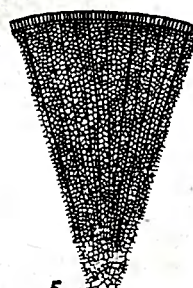


8 *Coc. pori*

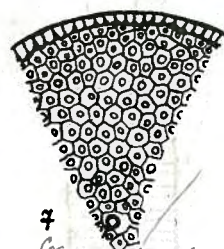


B

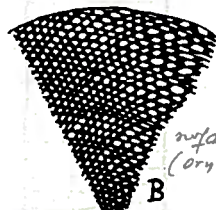
Coc. insectus



5 *Coc. centralis*



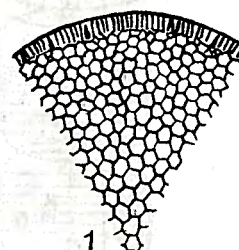
7 *Coc. 45 sub. par.*



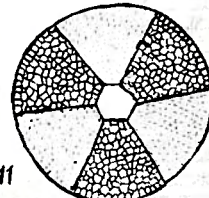
B

no. 44 (0.4%)

4 *Coc. albae*

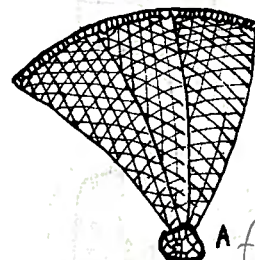


1



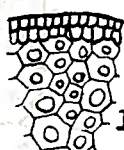
11

Actinopterychus undulatus



A

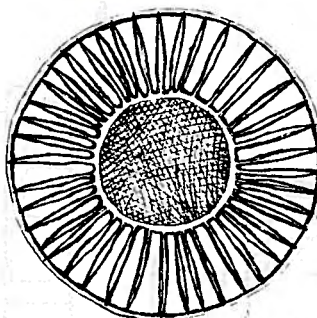
fau



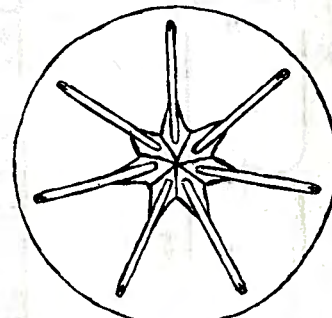
B

(0.4%)

9 *Coc. curvatus*



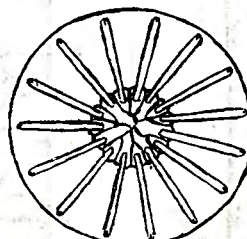
10 *Planctoniella* sp.



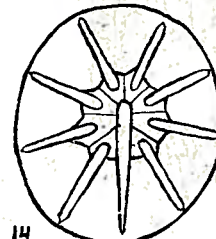
12 *Asterolampra marylandica*
var. *gigas*



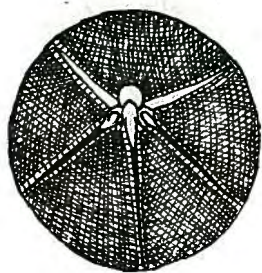
15 *Asteromphalus robustus*



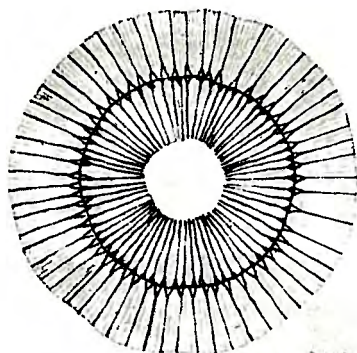
13 *Asterolampra grevillei*



14 *Asteromphalus*
plumbellatus

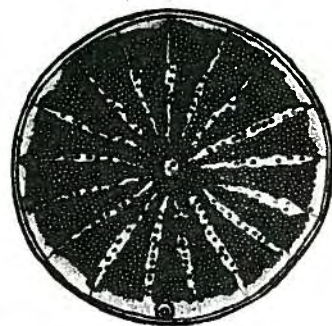


1

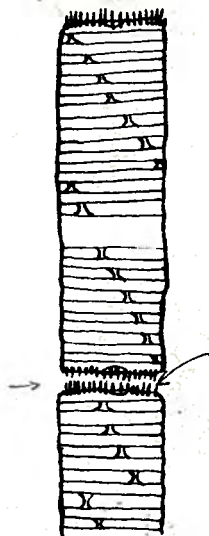


2

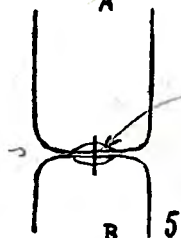
Gosslerella tropica



3

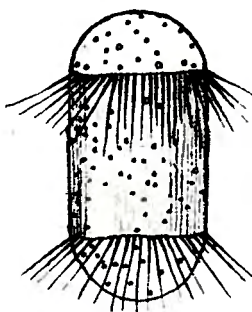


A



B

Schroederella delicatula



4

Corethron flagellum

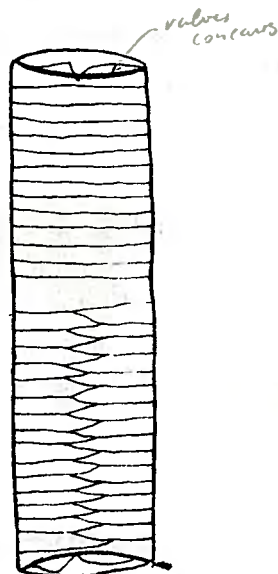


6



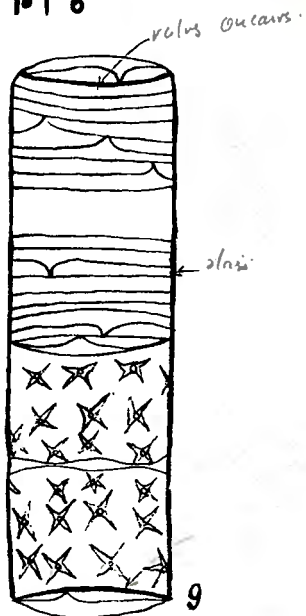
8

Lauderia borealis



10

Gurnardia blayana



9

Gurnardia flaccida



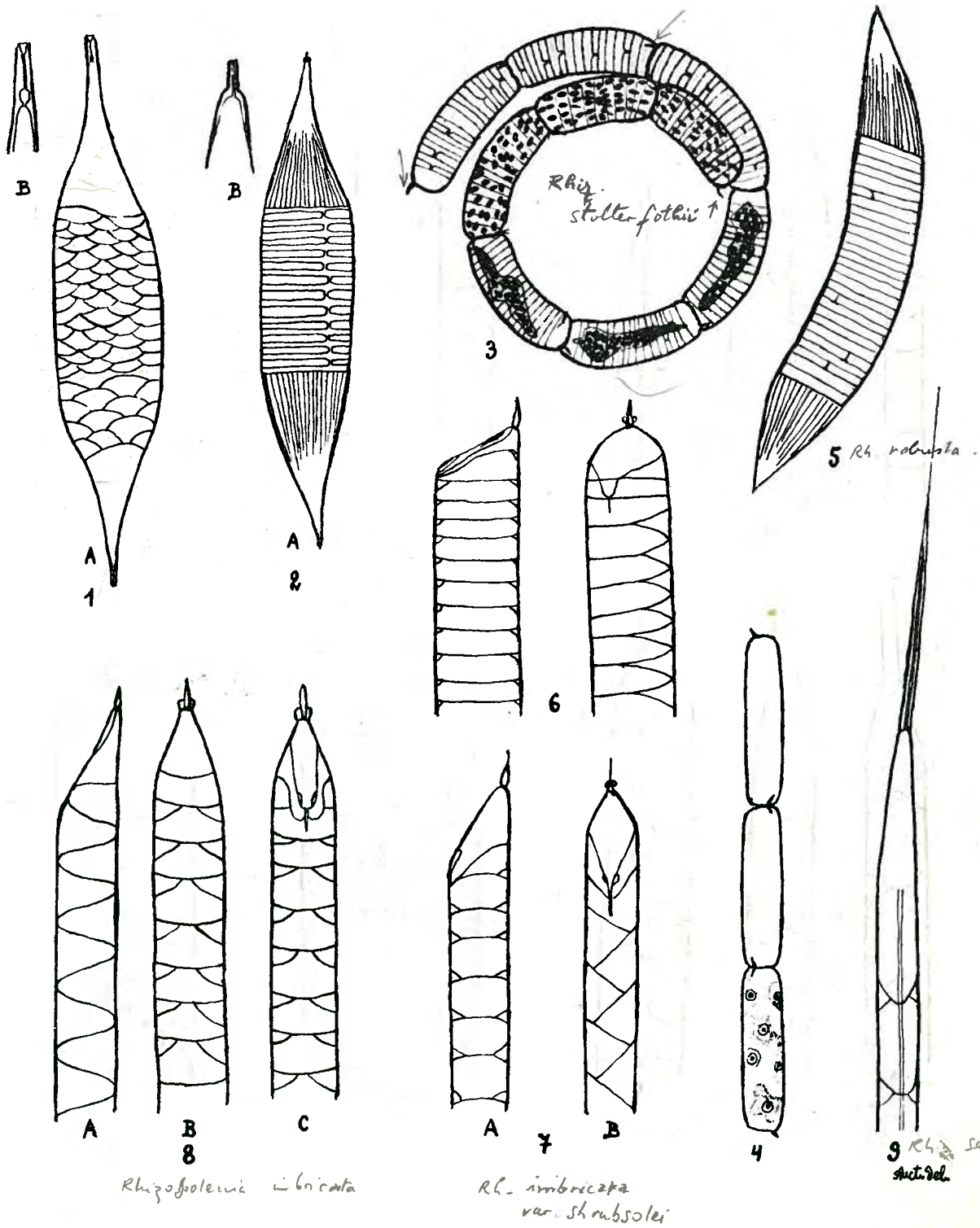
7

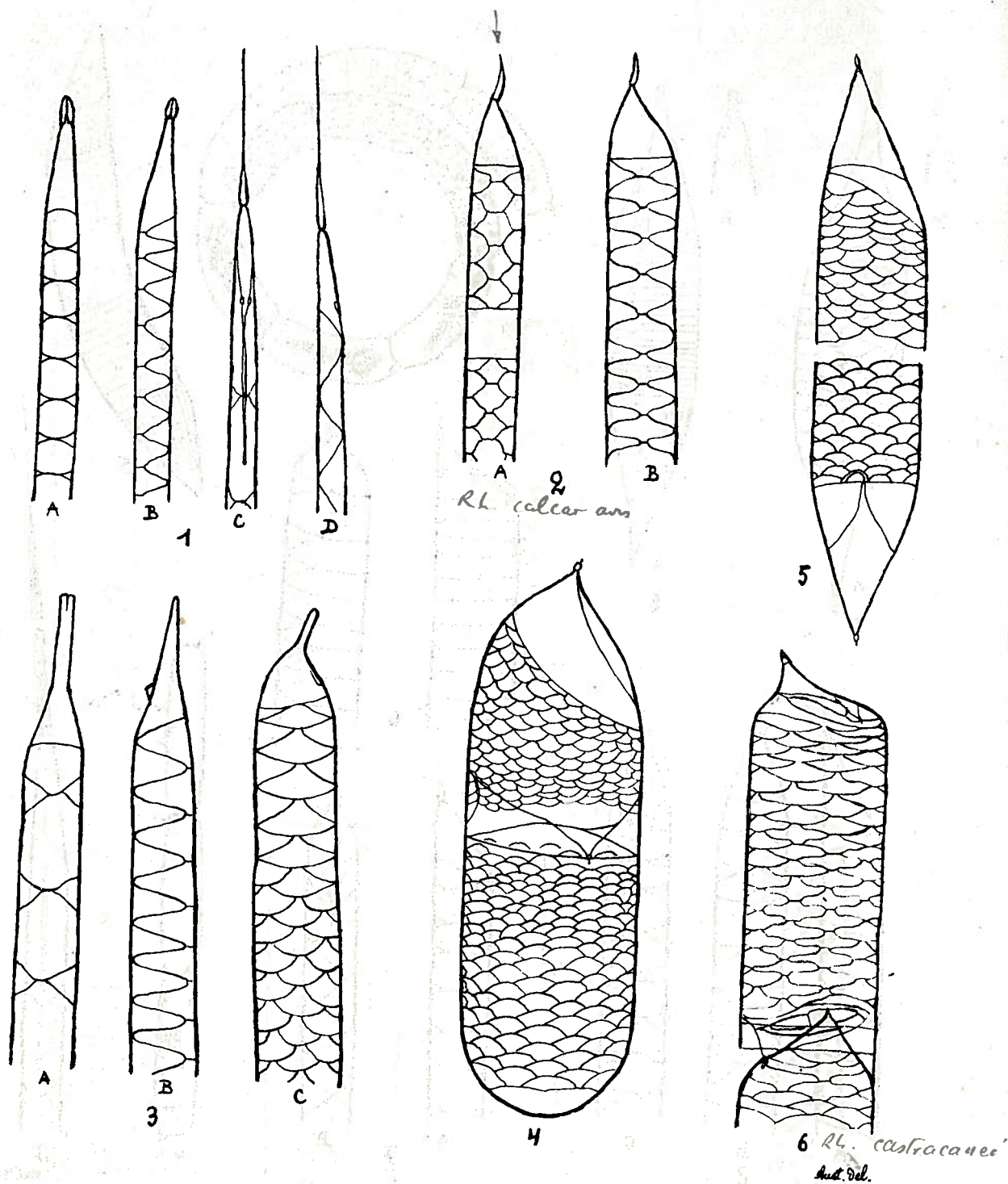
Dactyliosolen mediterraneus

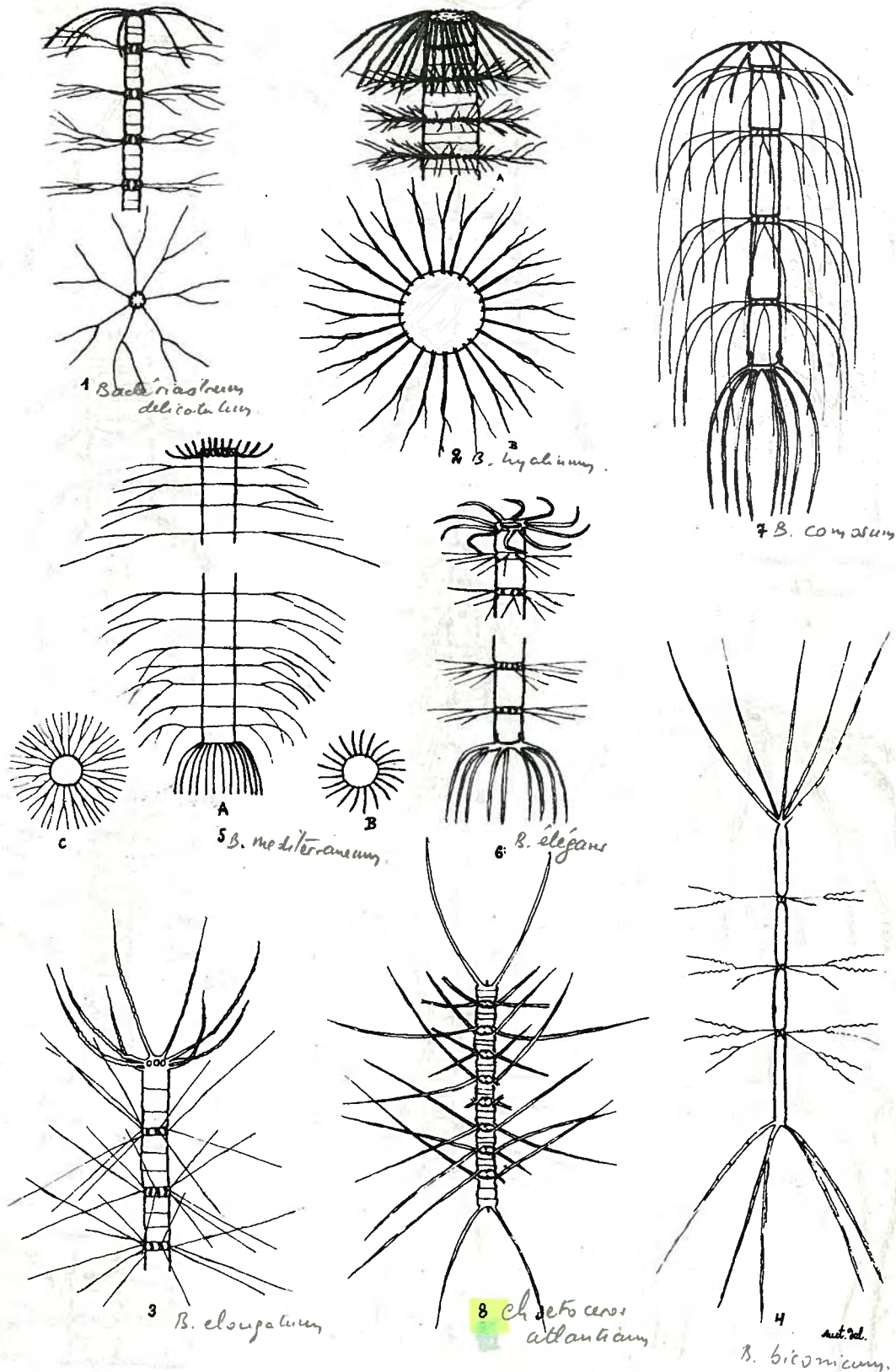


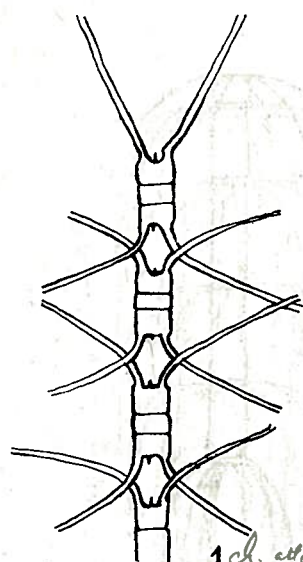
11

Rhizosolenia fragilis
mut. del.

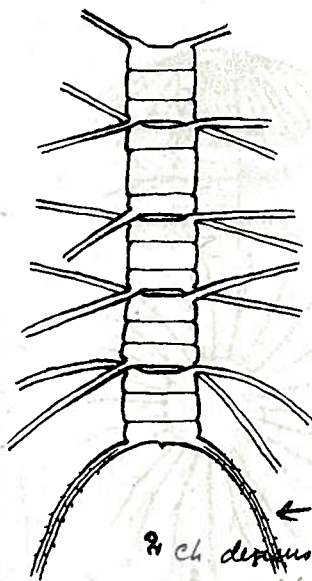




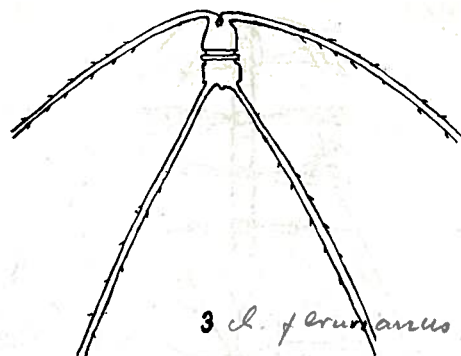




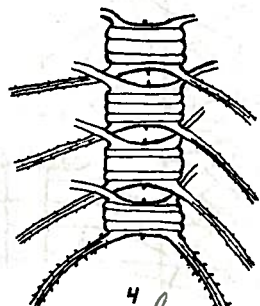
1 *cl. atlanticum*
var *neapolitanum*.



2 *cl. depressus*.
(cf *lauder*?)



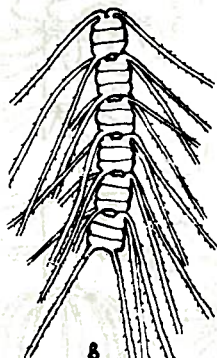
3 *cl. peruvianus*.



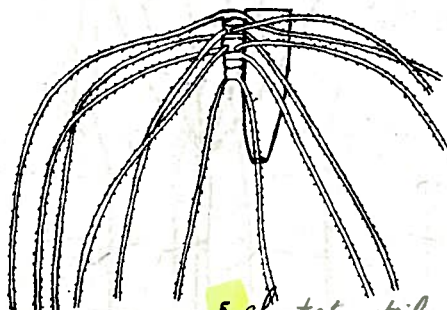
4 *cl. eisenii*



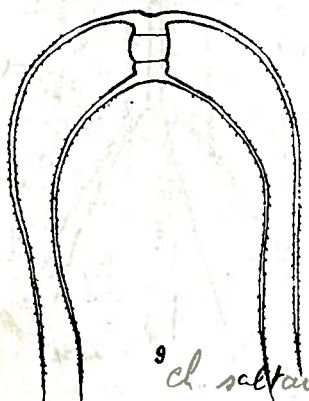
6 *cl. danicus*.



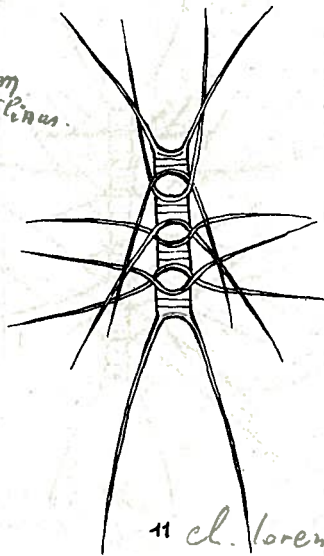
8 *cl. curvatus*



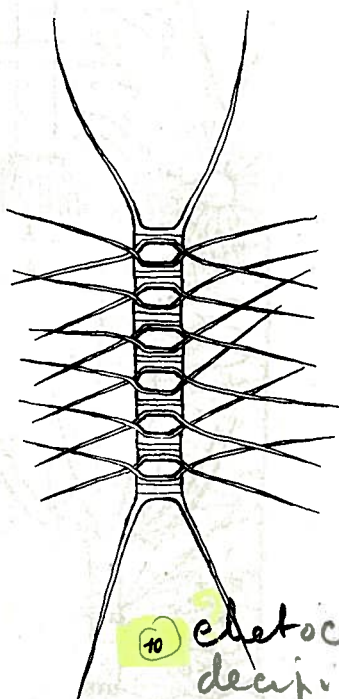
5 *cl. tetrastichon*
or *Tintinnus inquilinus*.



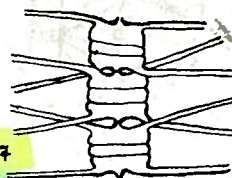
9 *cl. solitarius*



11 *cl. lorenzianus*.

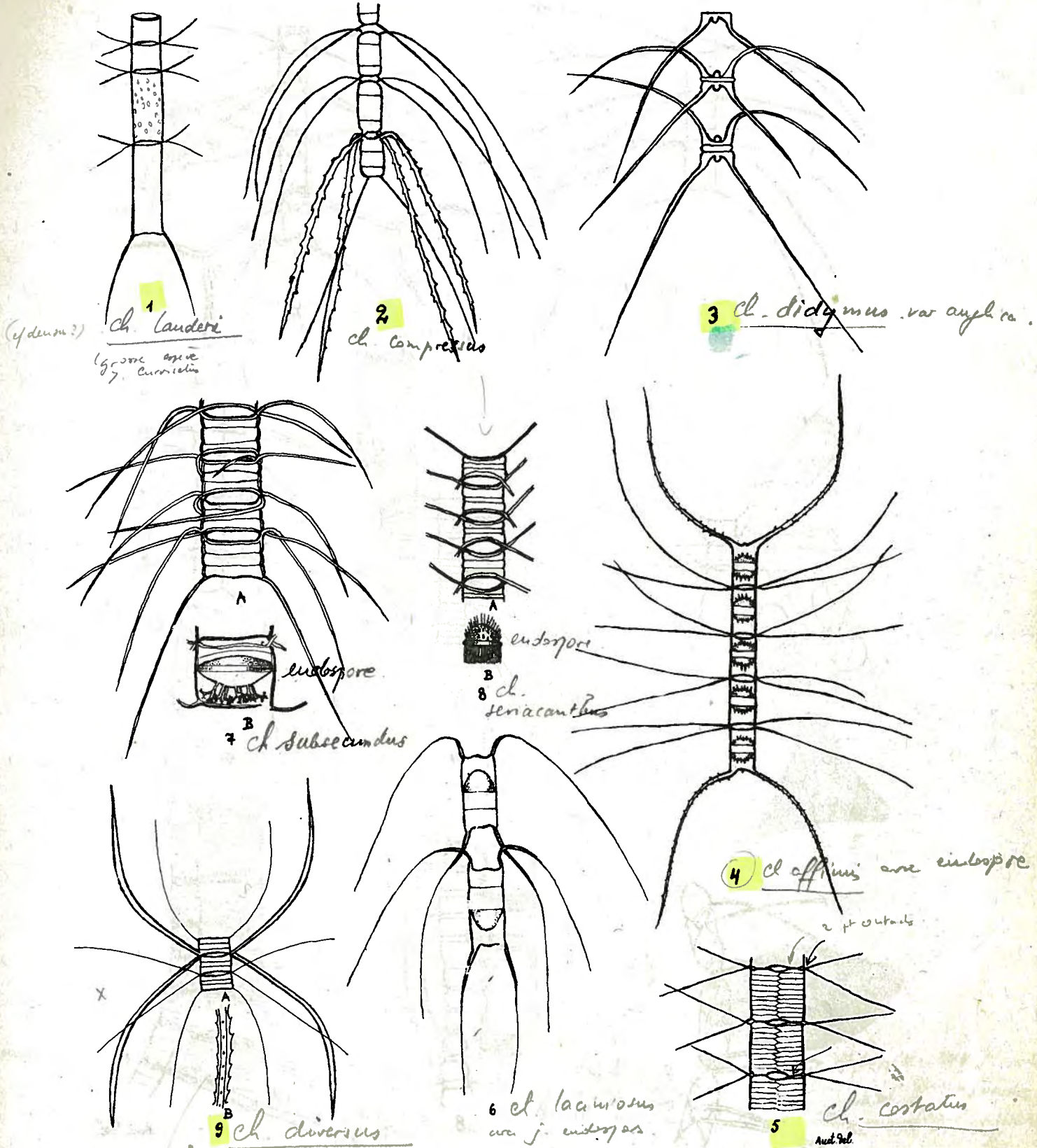


10 *clatoceros*
deaprens

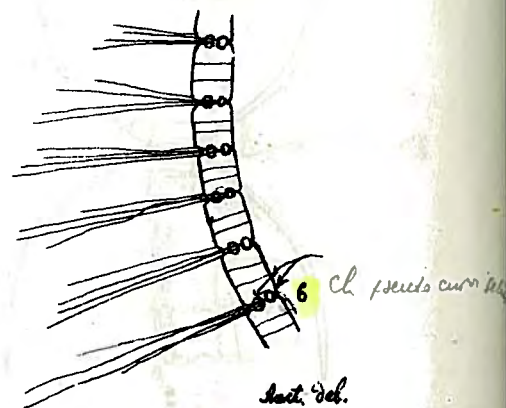
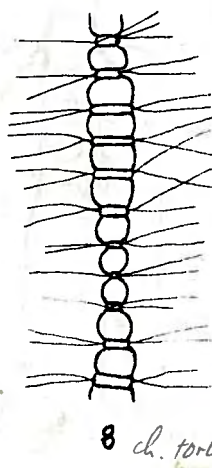
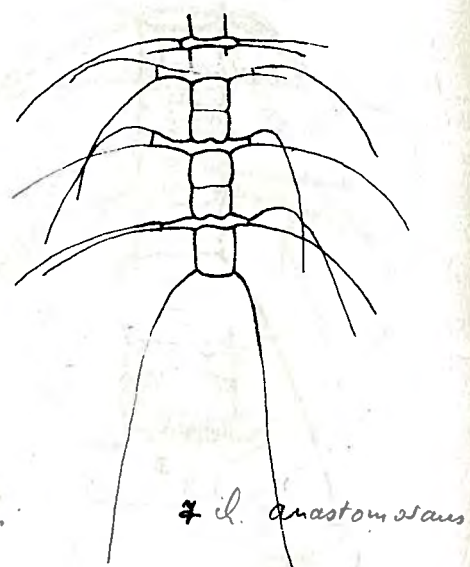
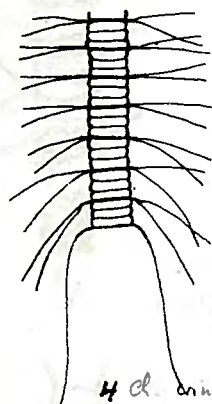
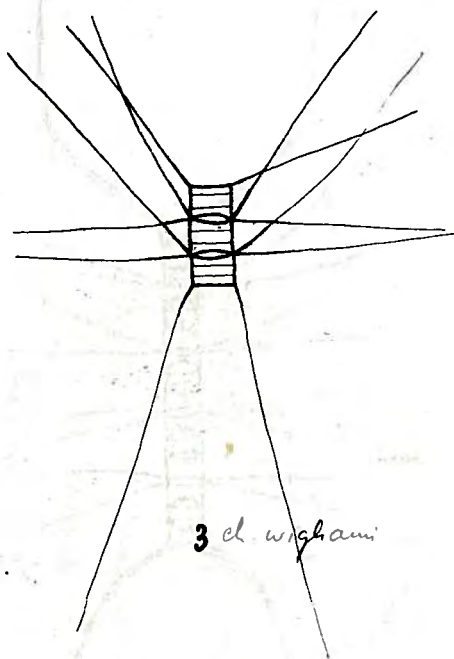
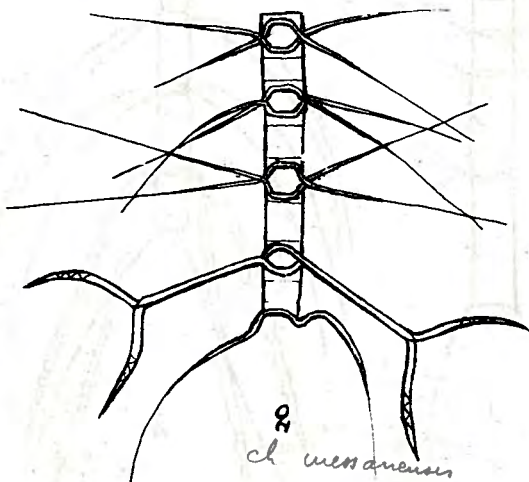
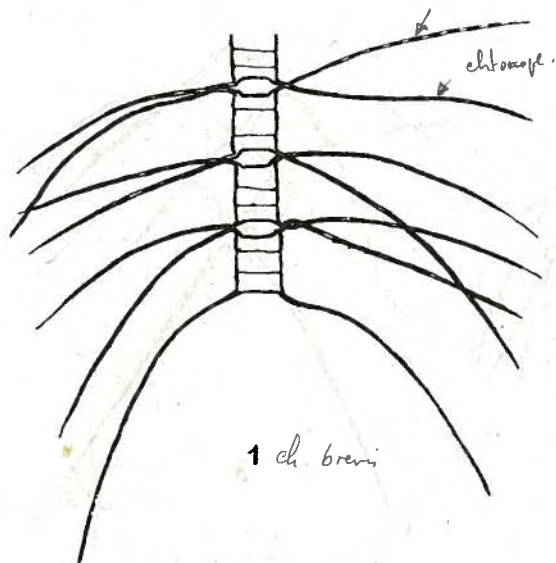


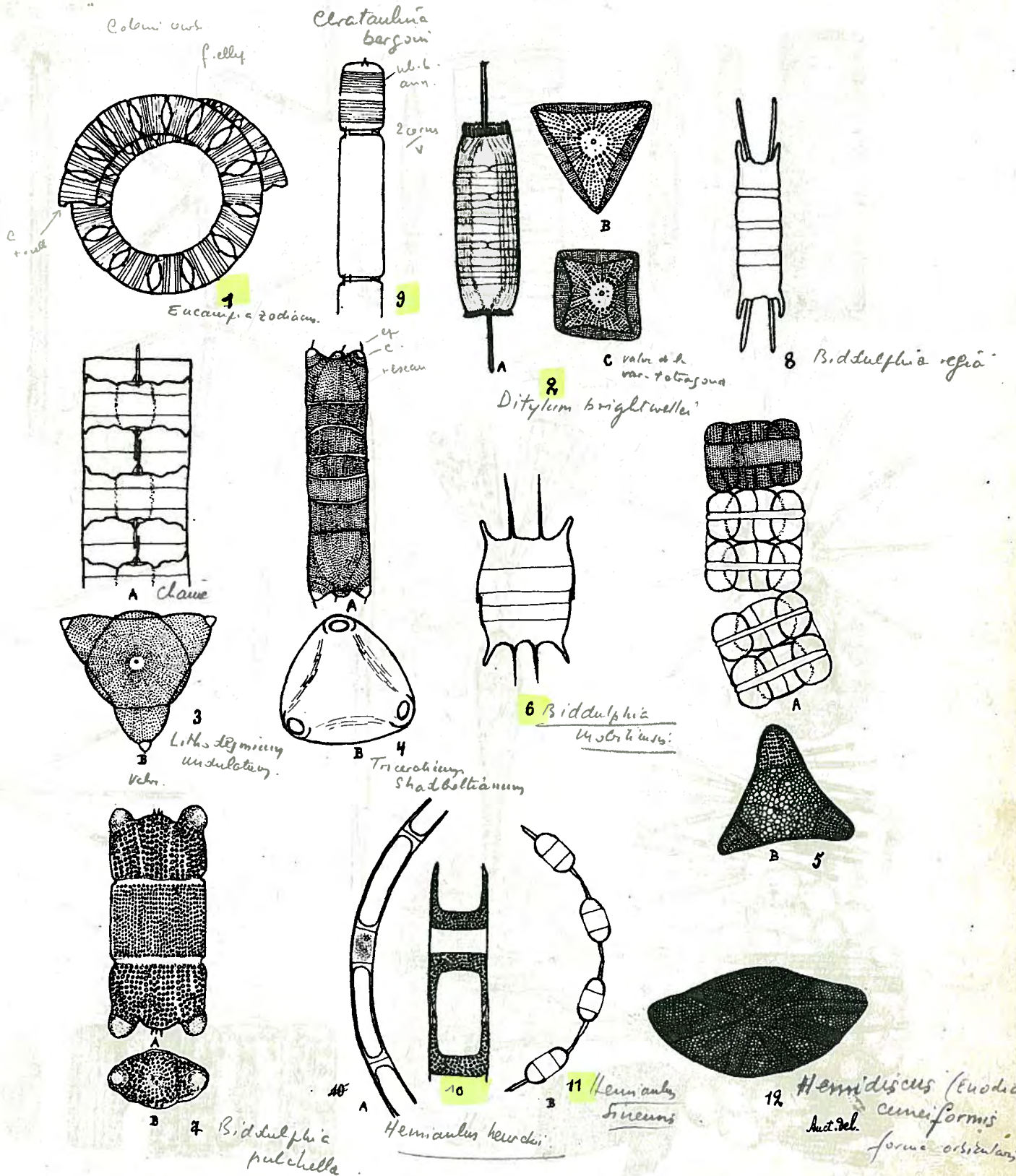
7 *cl. rostratus*

And. Pol.



partie d. 1. come
au milieu de la
claus







A

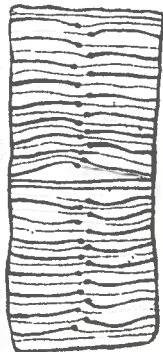


B valve



C b. intercal.

1 *Rhalsoneima coloratum*

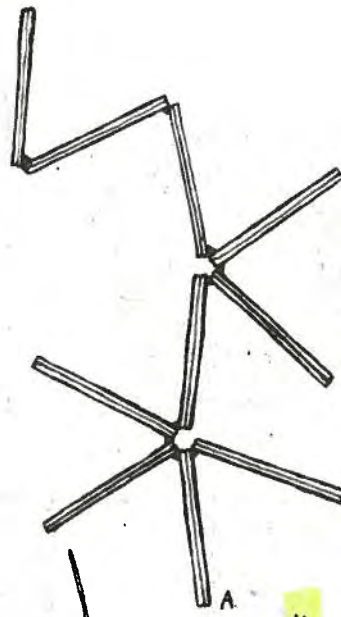


A



B

2 *Striatella interrupta*

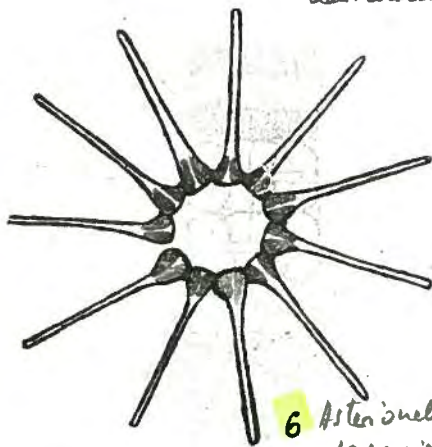


A

4

B

Thalassionema nitidiuscula



6

Asterionella japonica



A

Sylus pseudosphaer

Licmophora abbreviata

3

B

N. senile
(*Nitzschia*)



7

Asterionella notata



valve
center

chain
unit



A

11

Bacillaria paxillata

B

Ch. en f. d. japonica



A

8

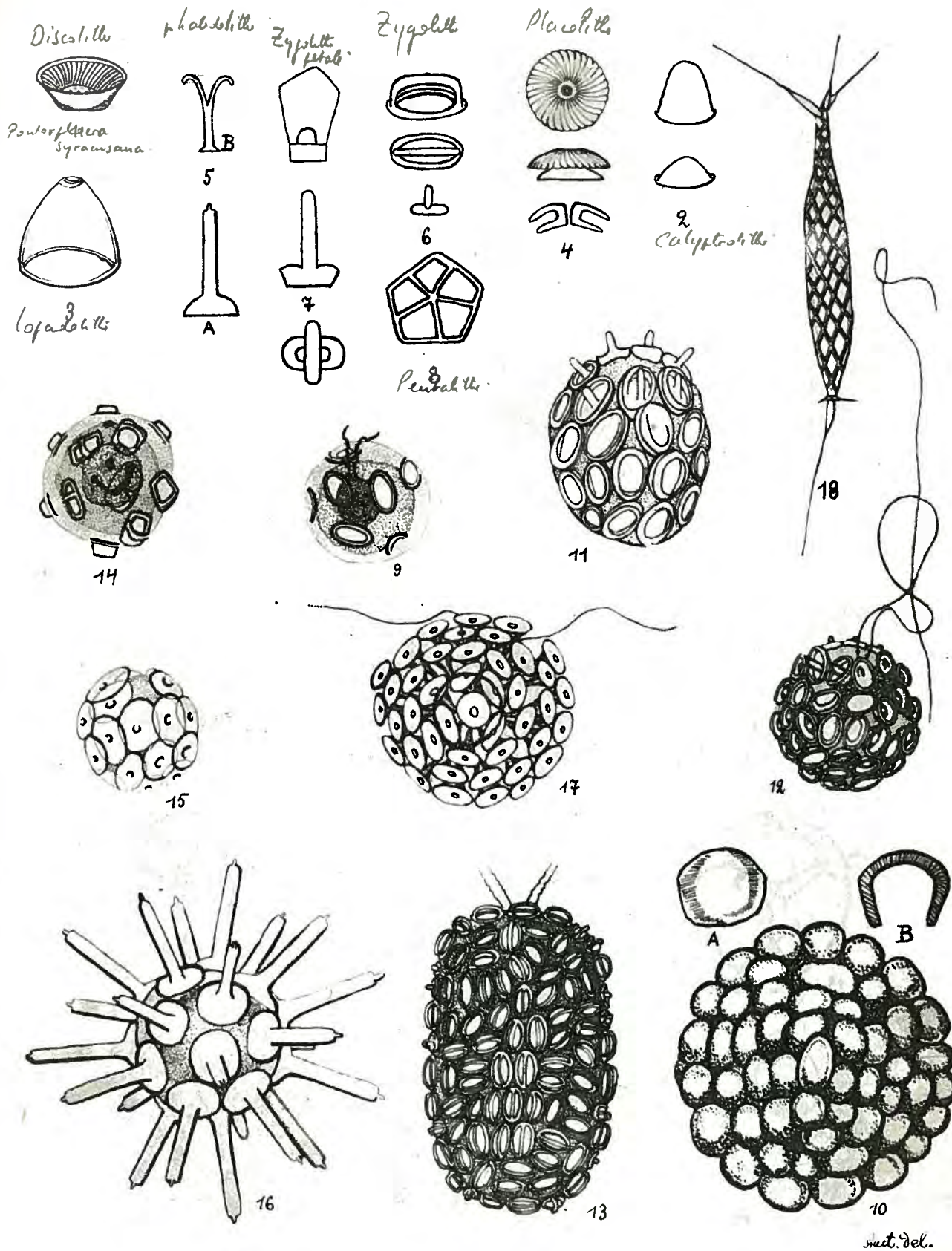


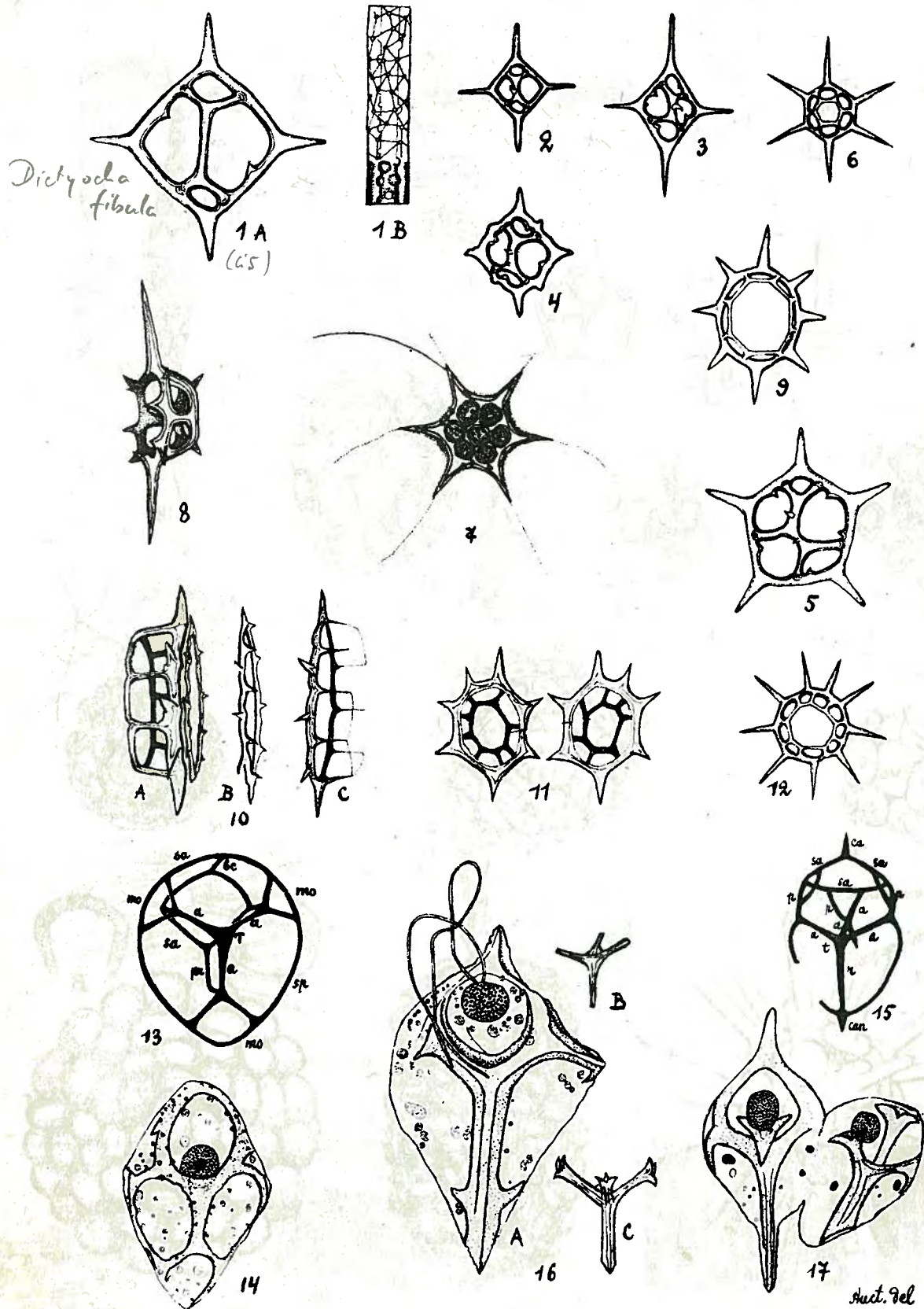
B

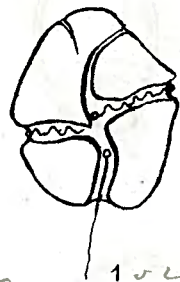


C

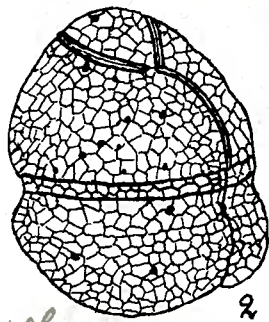
Navicula unibrachia



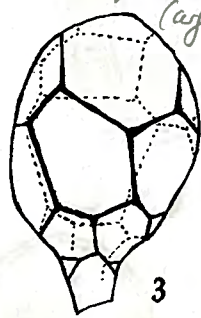




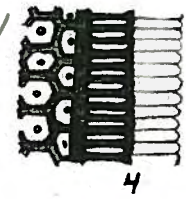
1 *Syringodinium magdalenense*



2 *Aspyrion*



3 *Oodinium pouchetii* (*Aspyrion*)



4

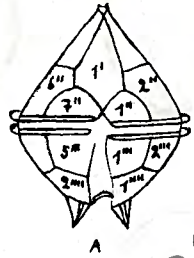


5

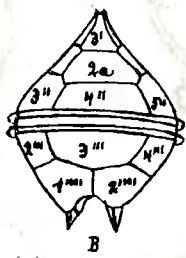
6 *clavula*



7 *Ceratium laevigatum*

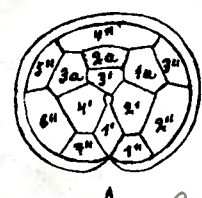


8 A

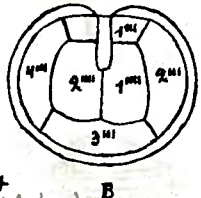


9 B

10 *Peridinium*

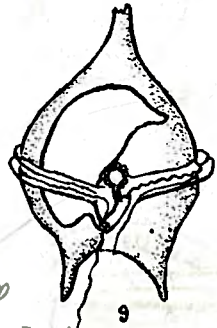


11 A



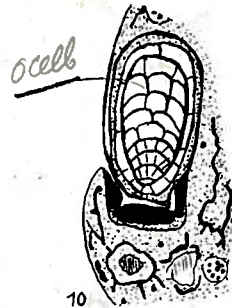
12 B

13 *Peridinium*



14 *apparat pumulant*

15 *Peridinium diversum*

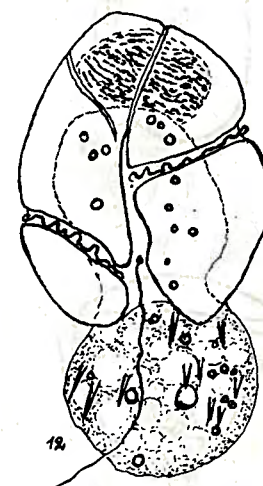


16



17

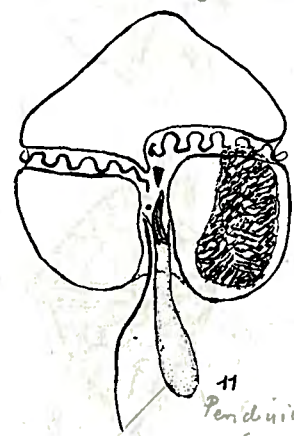
18 *Ceratium vultur chomae*



19

20 *Gyrodinium farlowii*

21 *upsteg d i strombidium*



22

23 *Peridinium gargantua*

24 *form di ps. pichumf.*



25 A

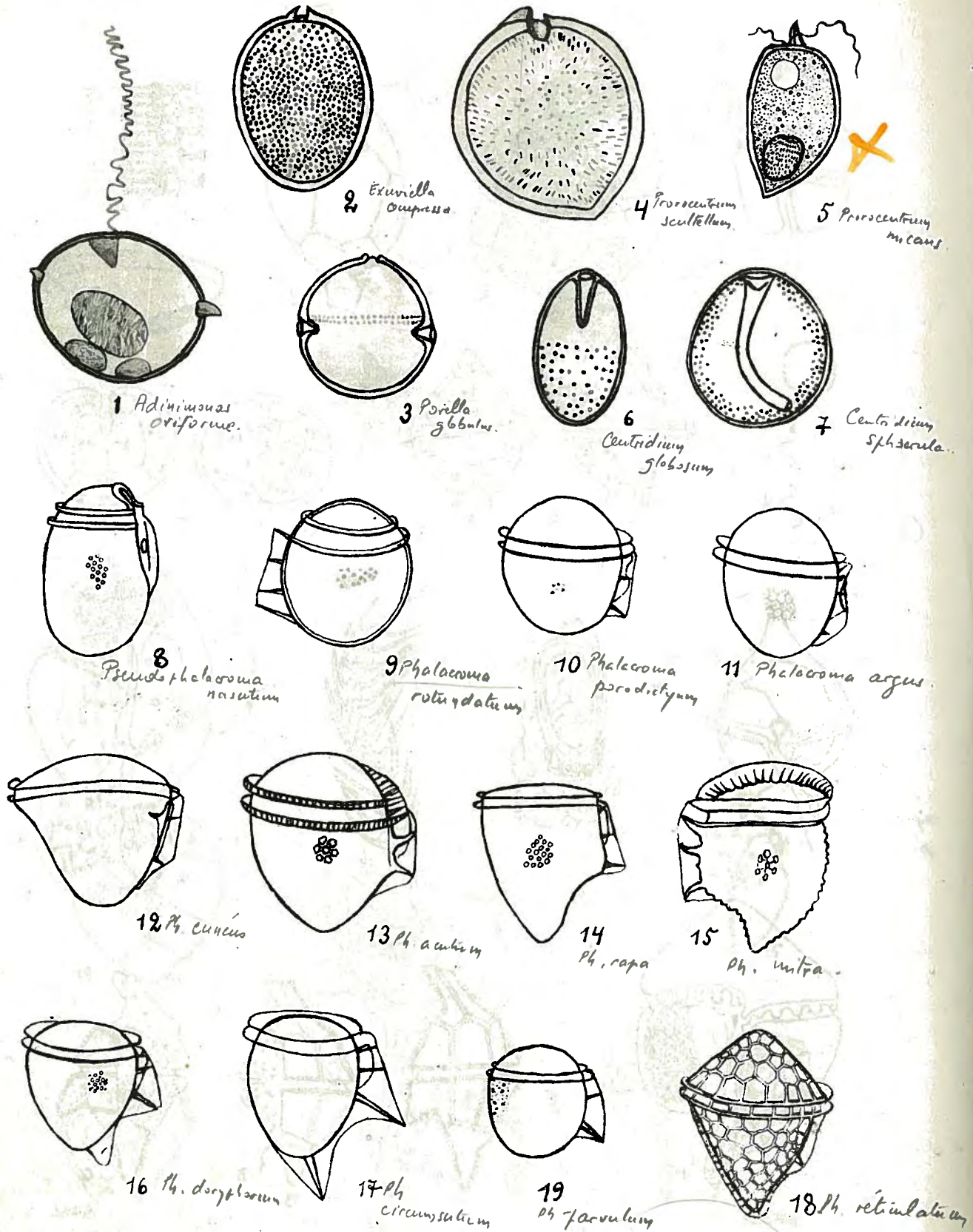


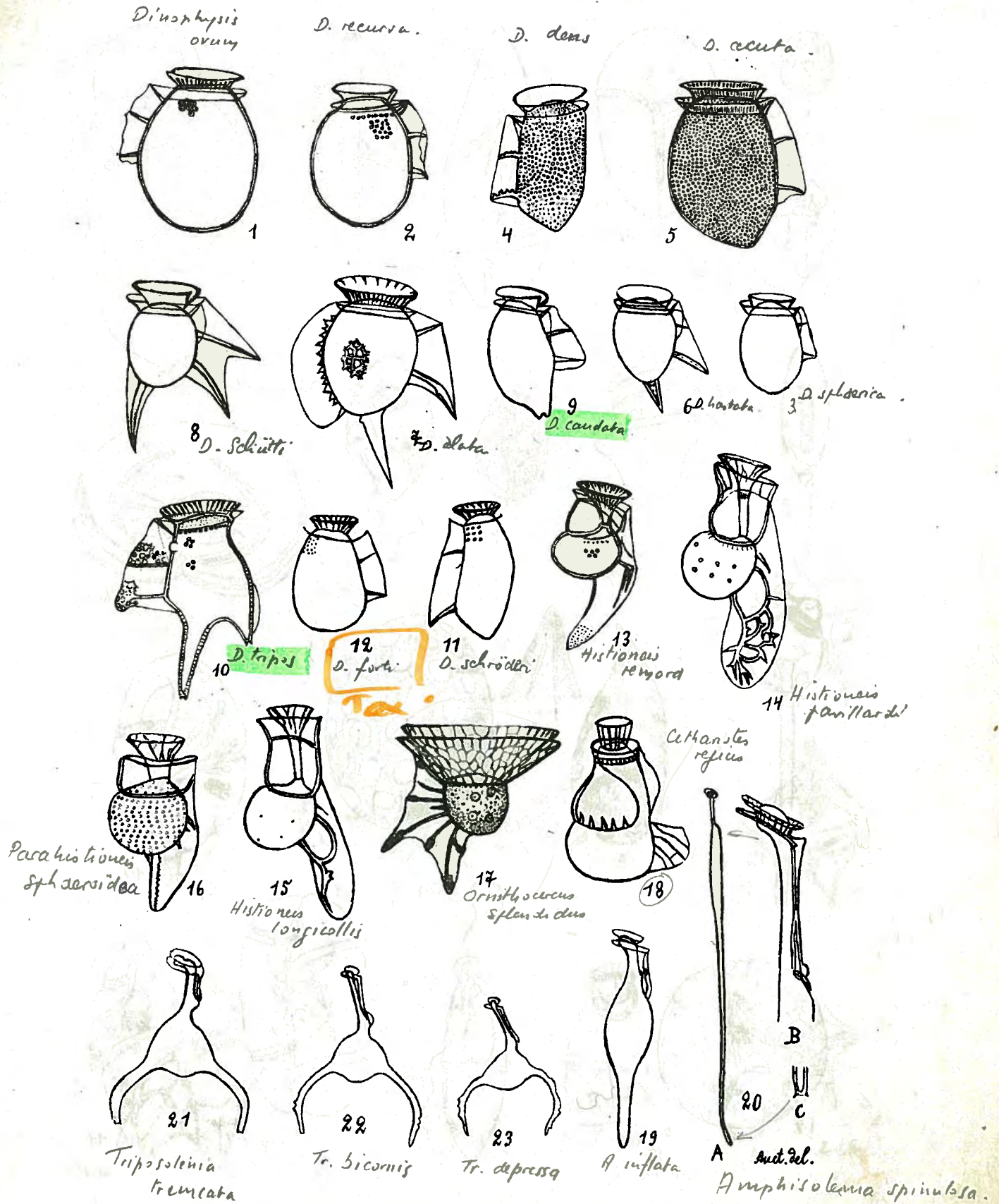
26 B

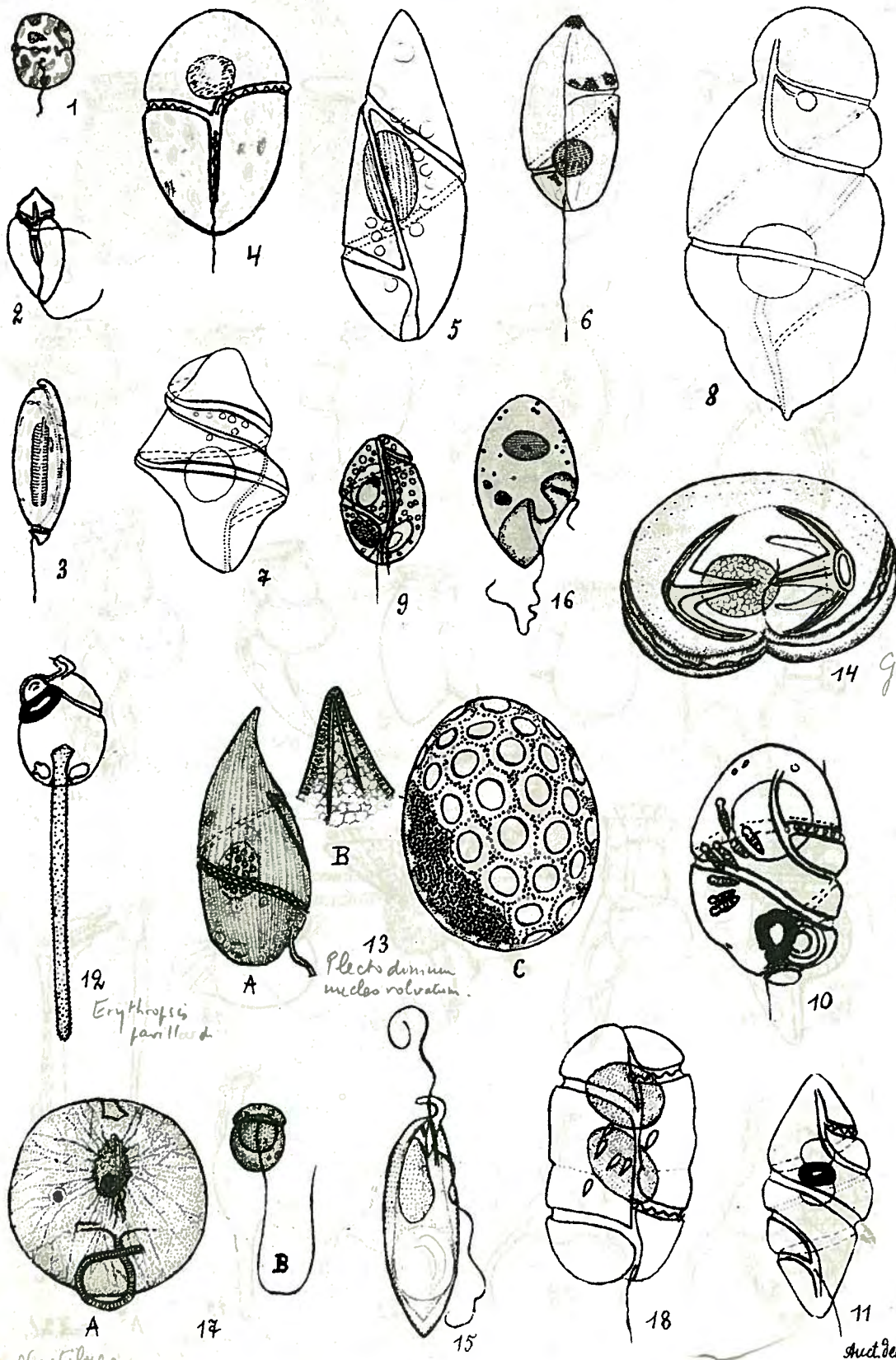


27 C

28 *Ceratium div. bichawi*



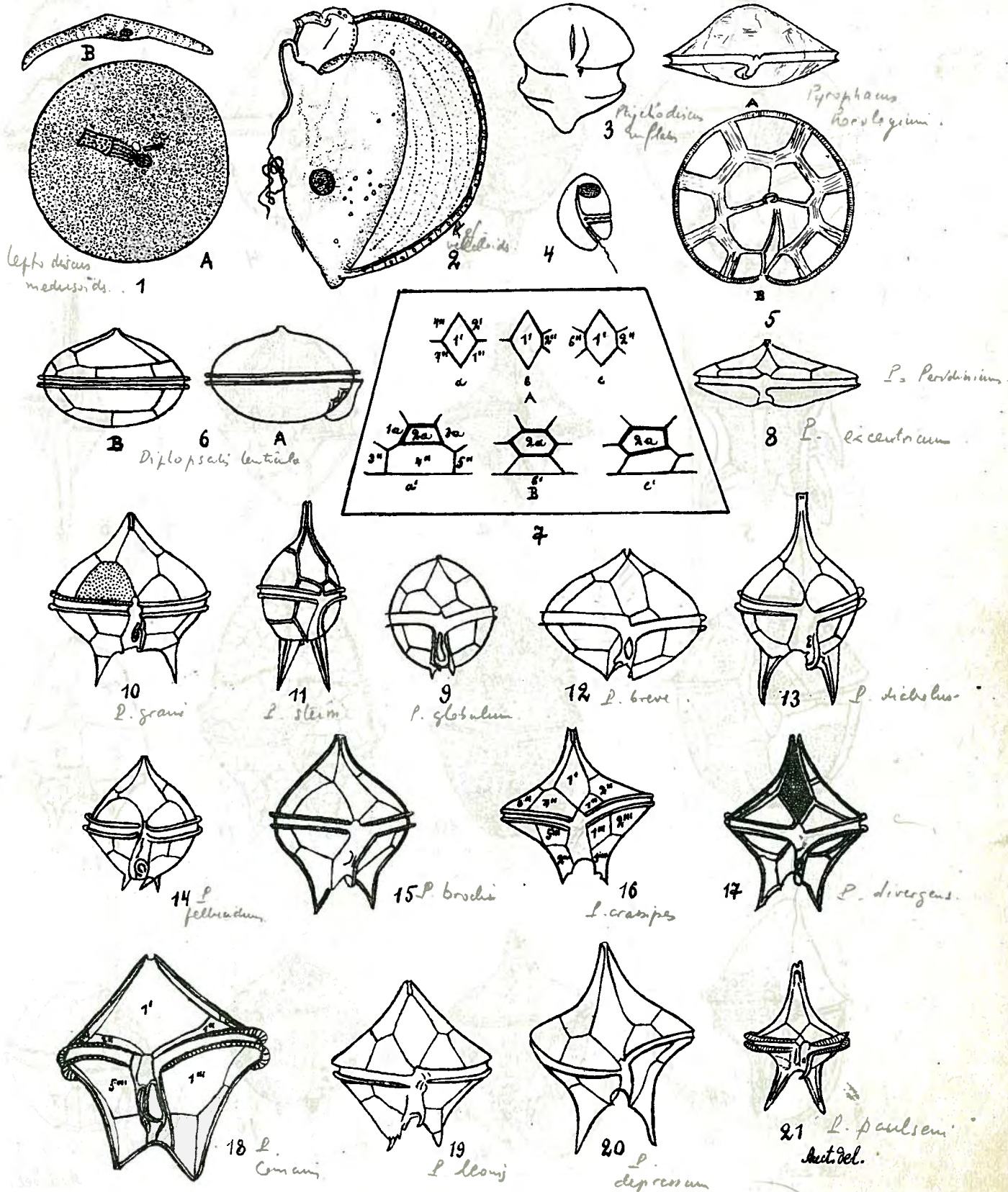




+

Noctiluca
miliana
= Scintilla

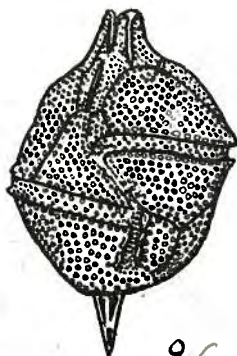
tax → Erythrops



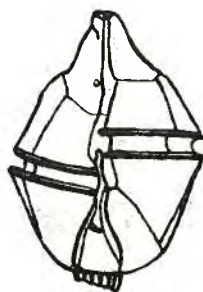
G. = Gonyaulax.



1 *G. digitale*



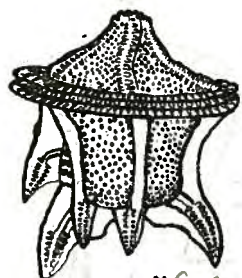
2 *G. nyoracantha*



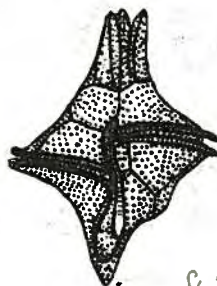
4 *G. polygramma*



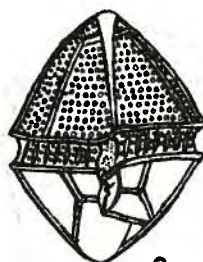
3 *G. polygramma*



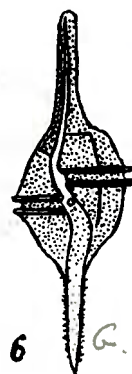
5 *G. ceratocroides*



7 *Spiracular jellefish*



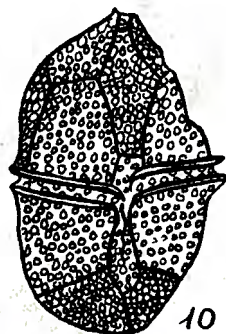
8 *Amphidoma steini*



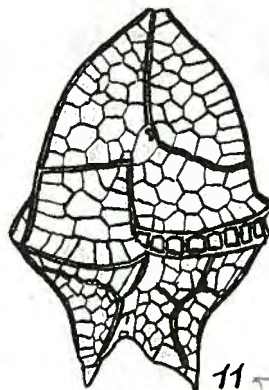
6 *G. binostris*



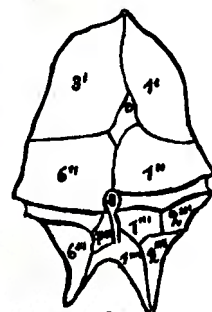
13 *Heterodinium de Brui*



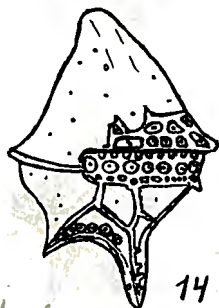
10 *Paraheterodinium medet*



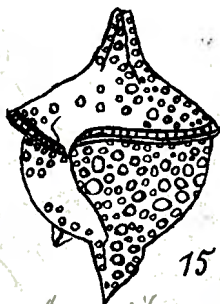
11 *Heterodinium richardi*



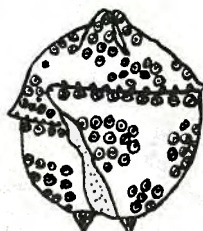
12



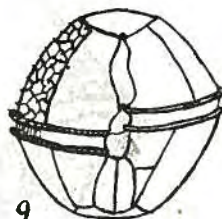
14 *H. leiorhynchus*



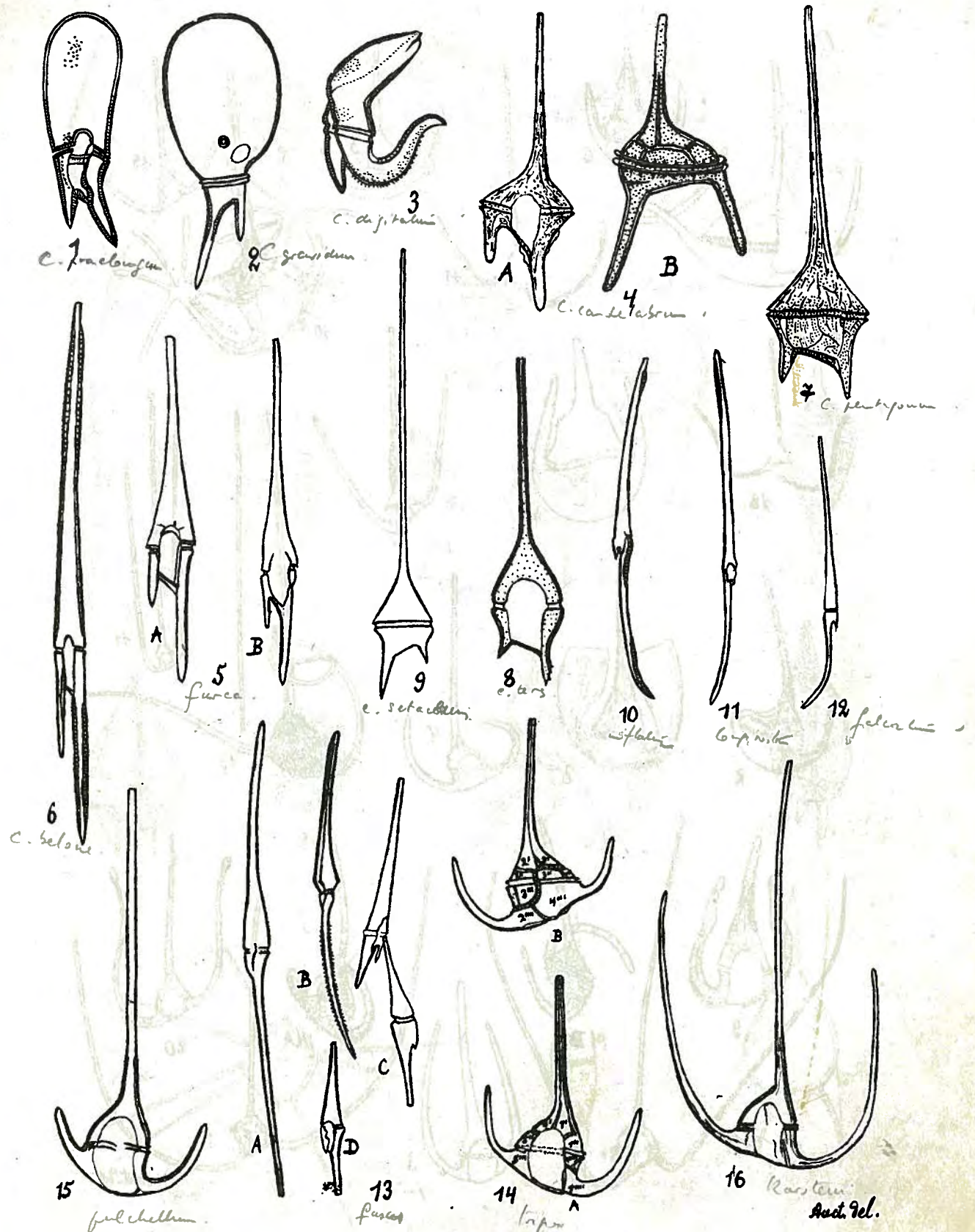
15 *H. mediterraneum*

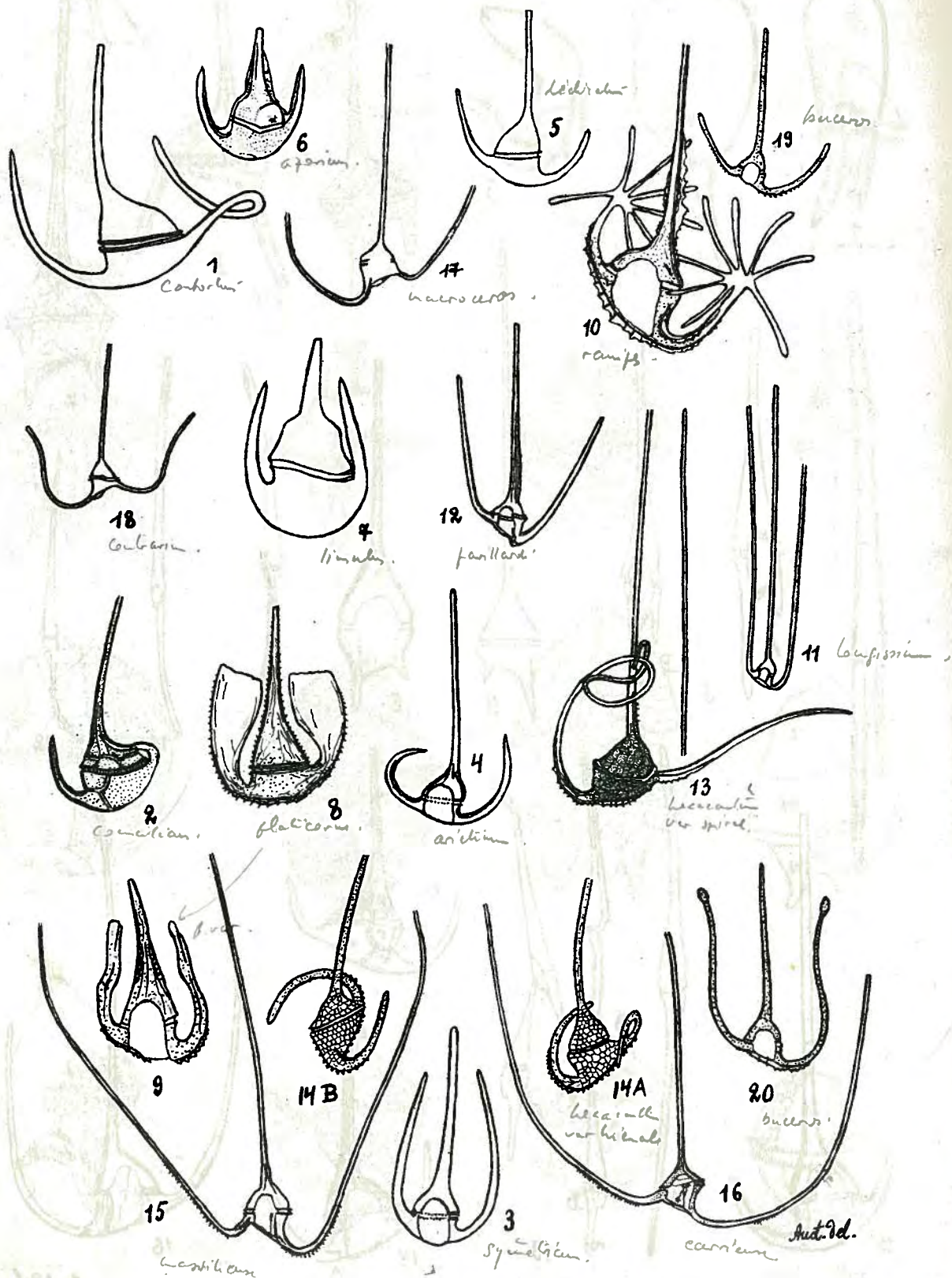


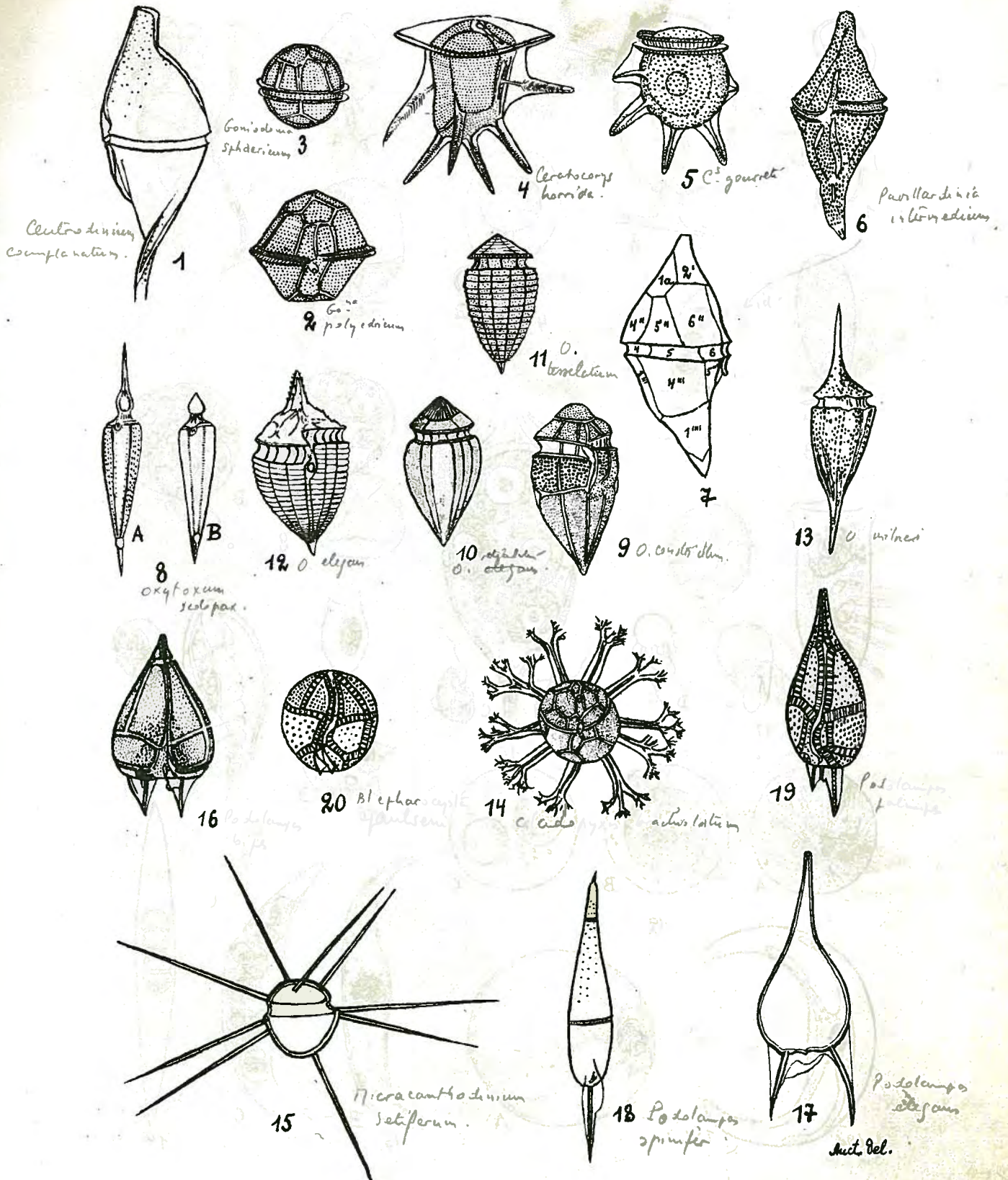
16 *H. milneri*



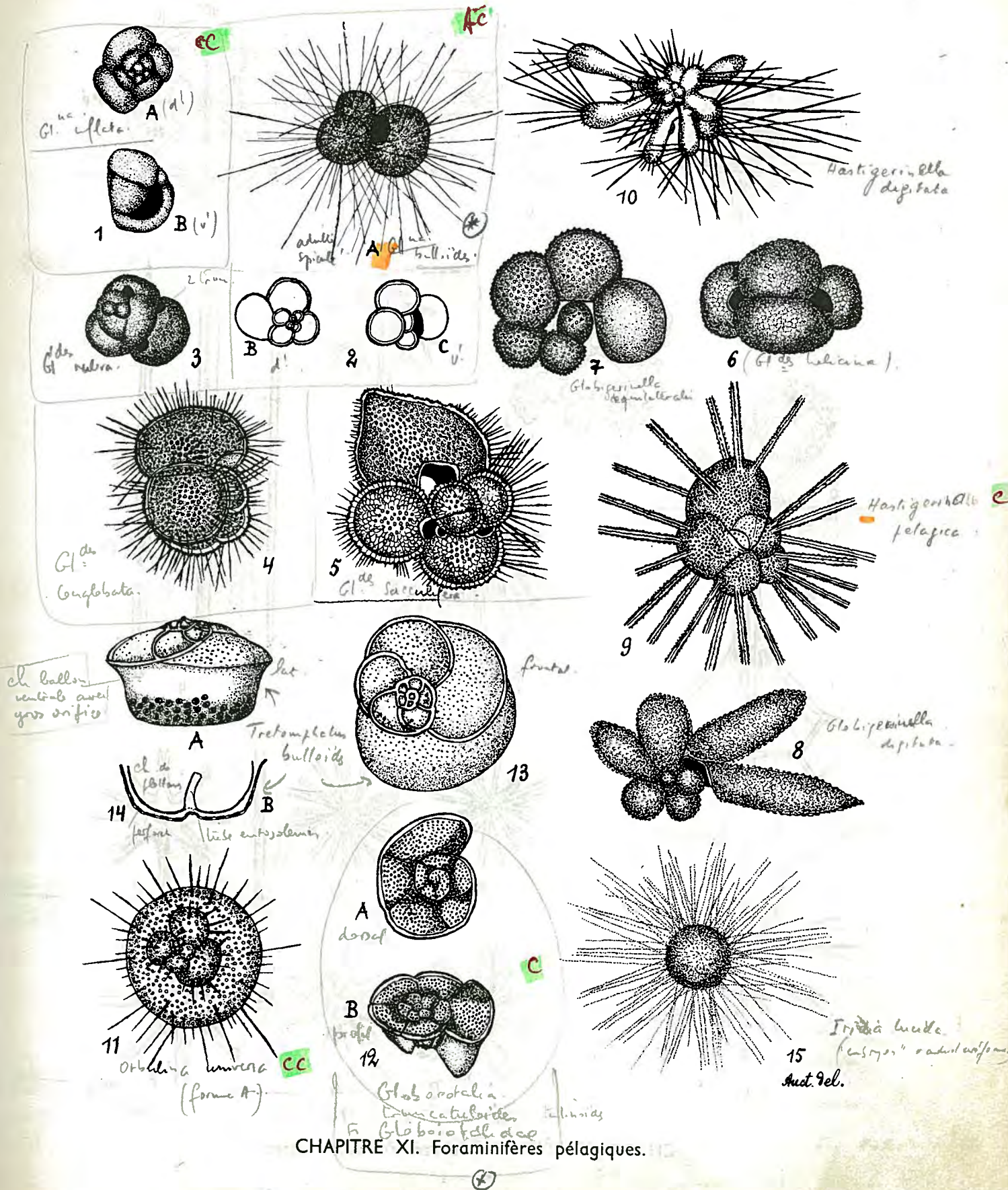
9 *Protoceratium reticulatum*
Auct. Del.

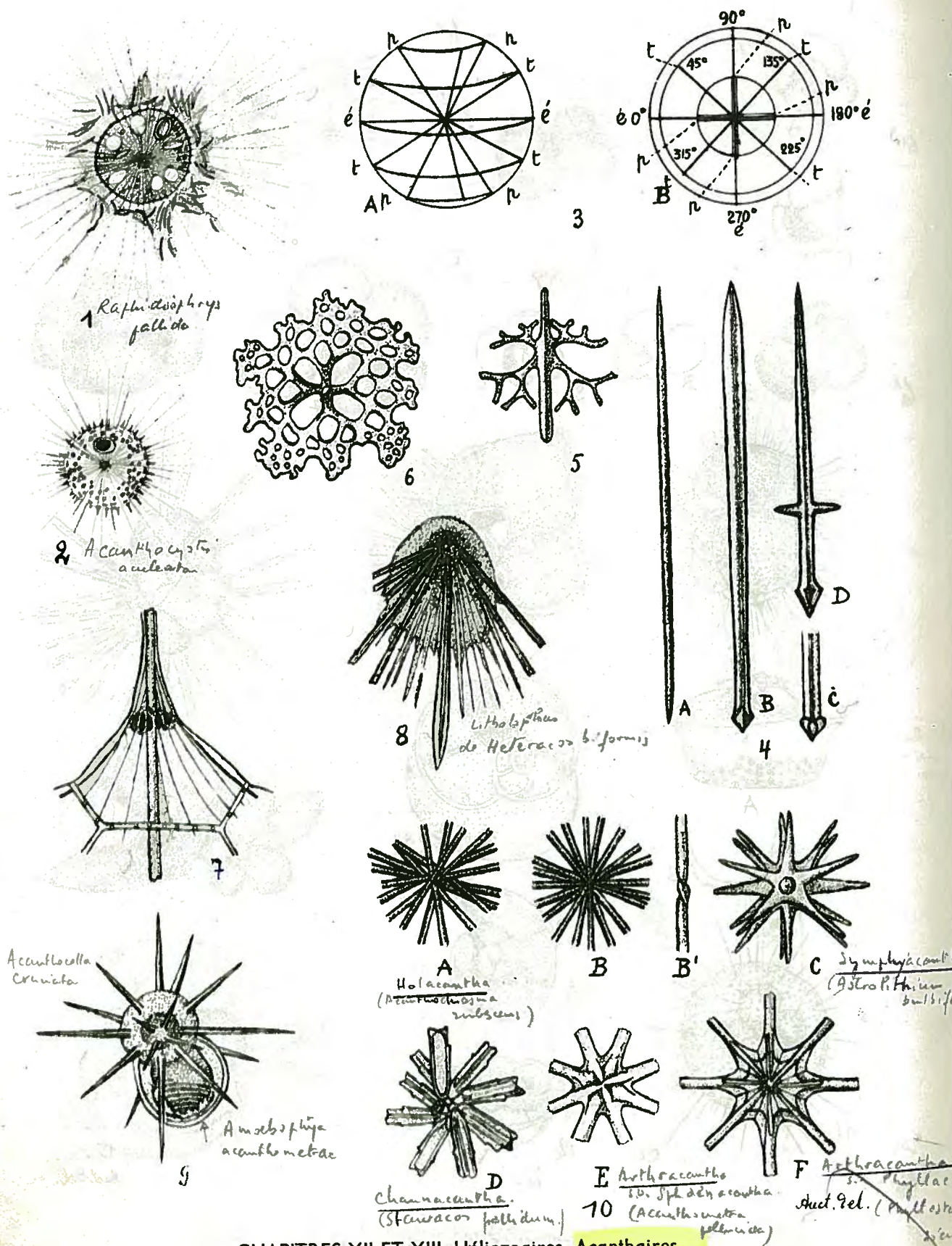


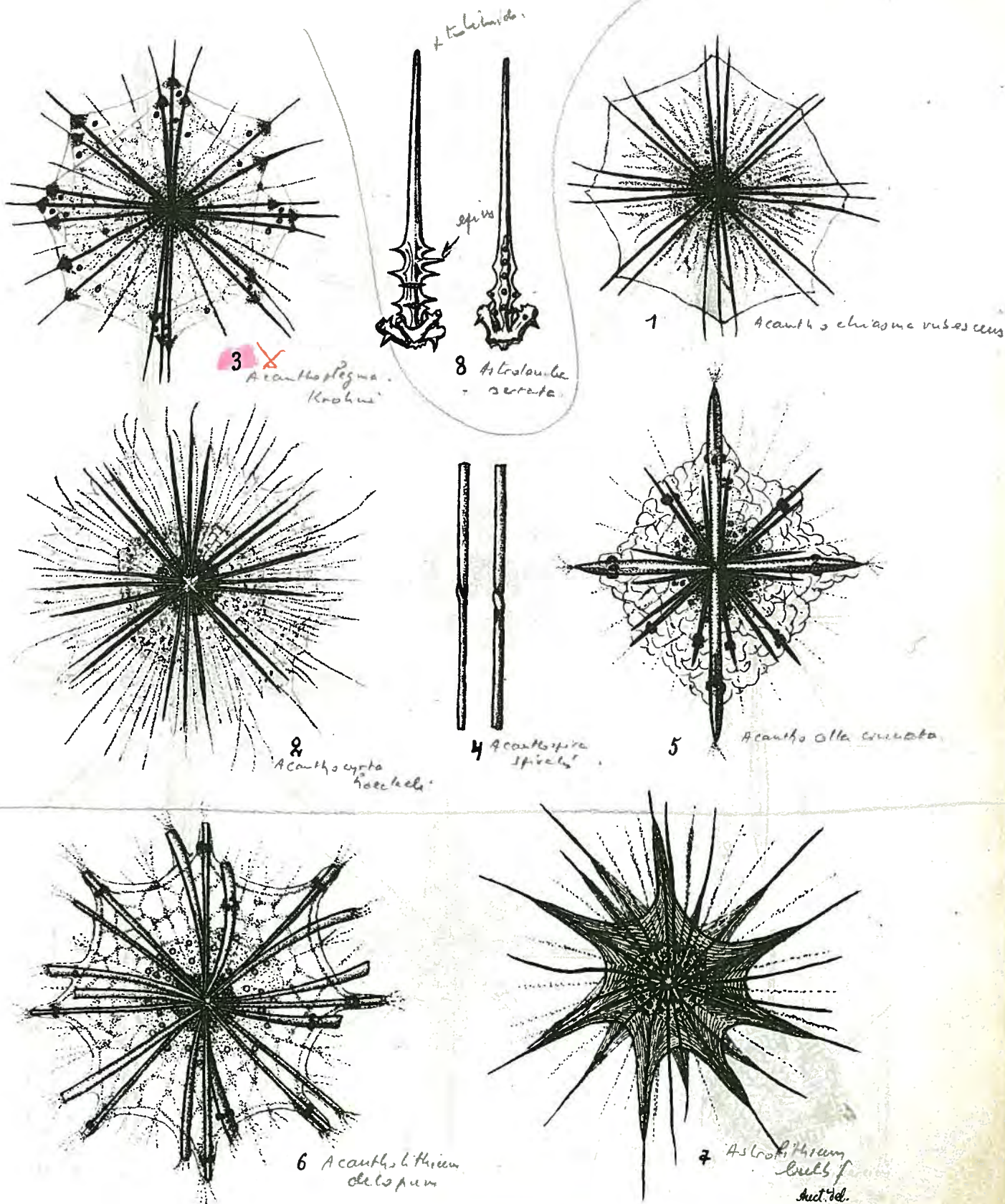






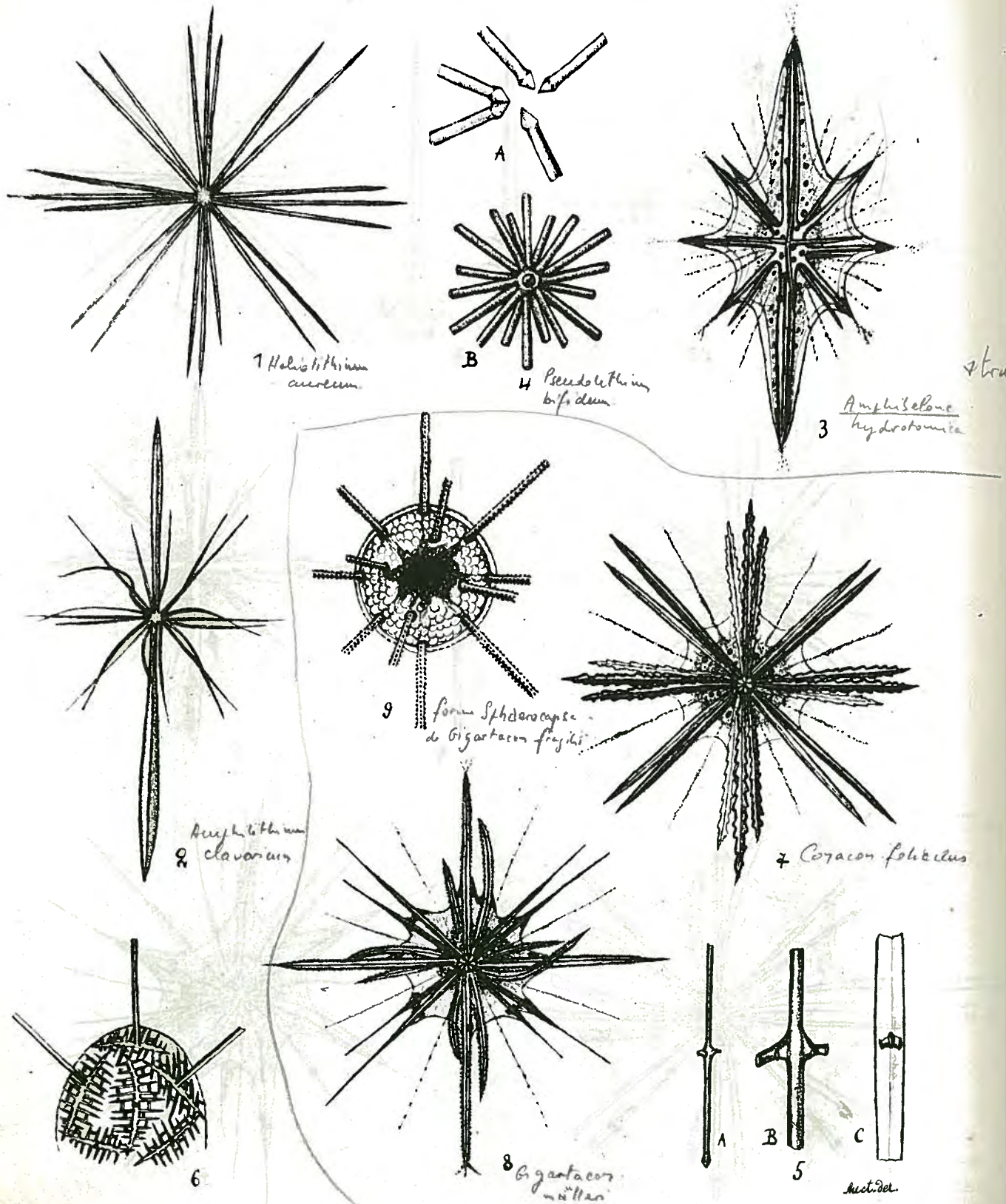


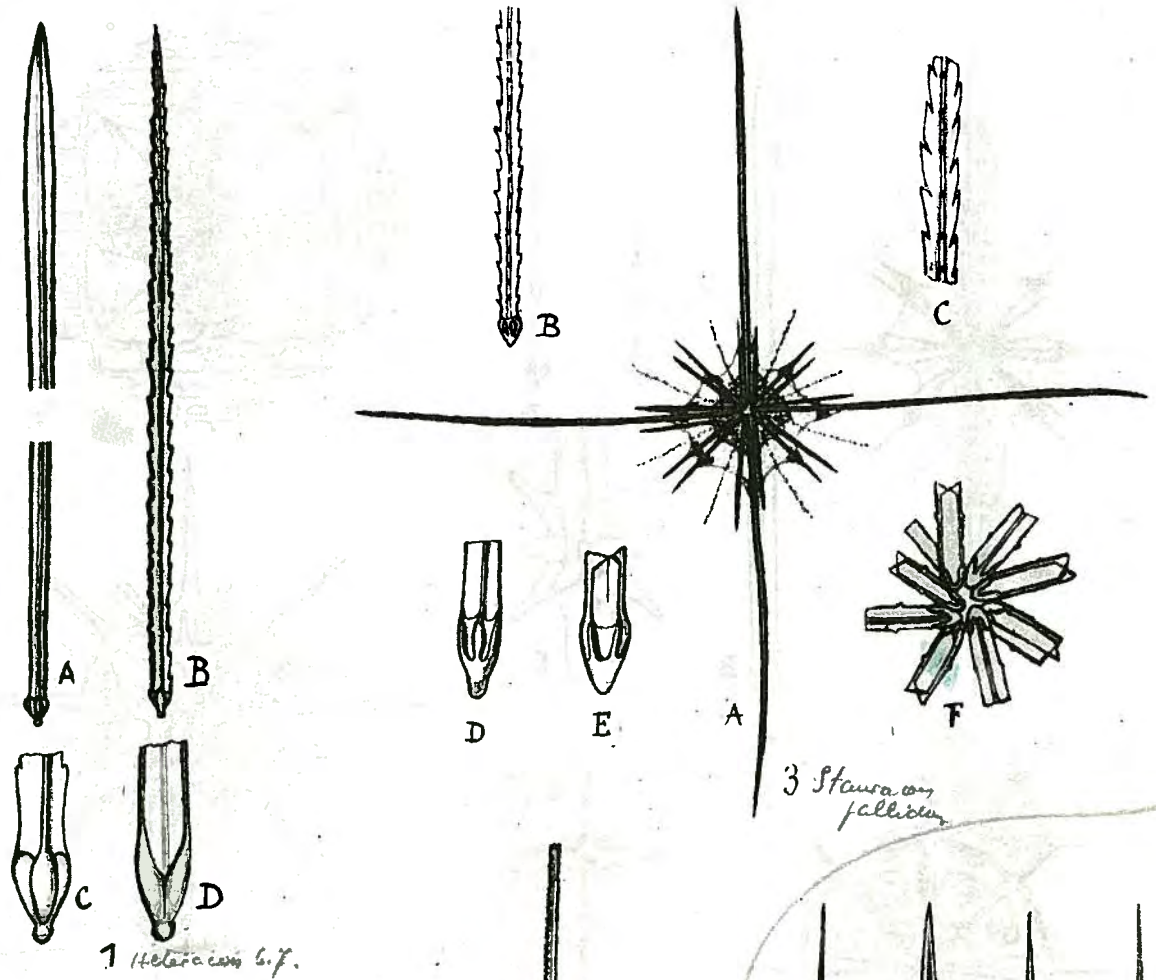




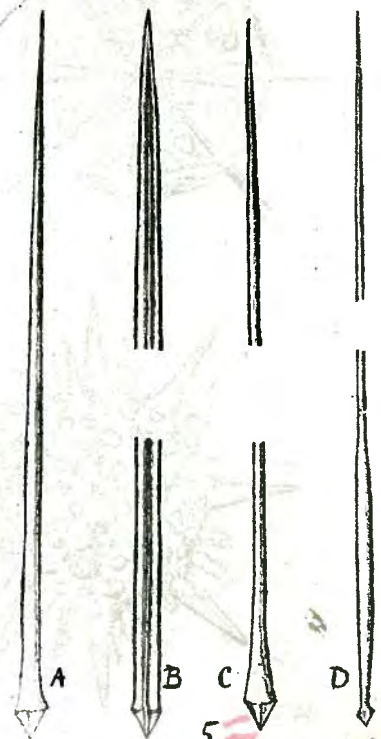
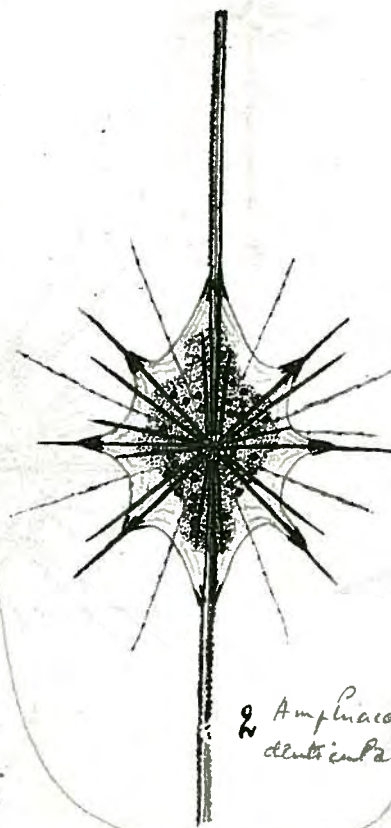
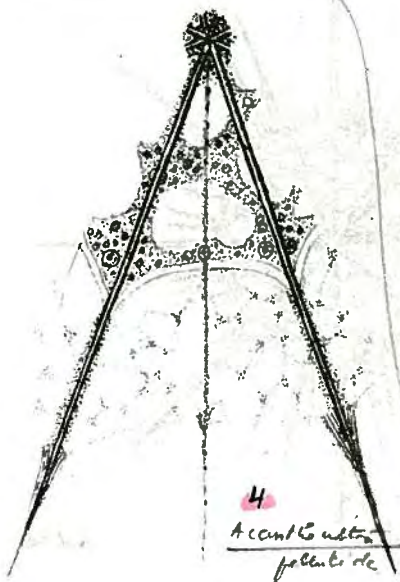
CHAPITRE XIII. Acanthaires.

Holacantha Fig 1-2-3-4-5
Synophycantha Fig 6-7-8.





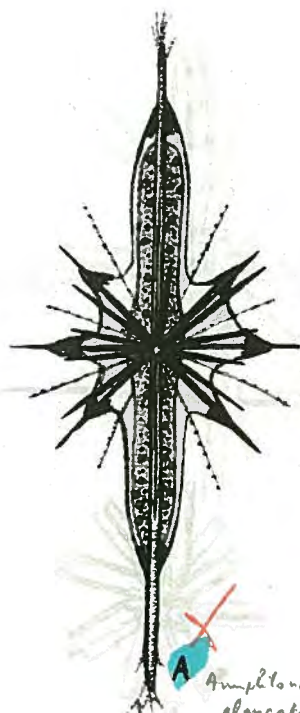
3 *Stauracanthus pallidus*



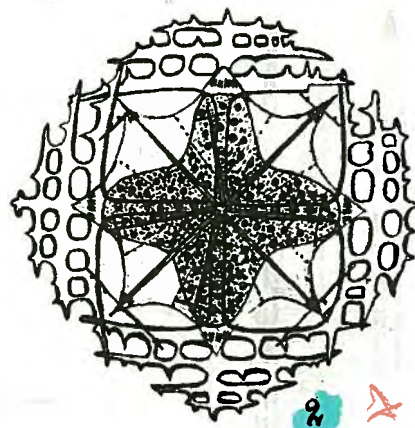
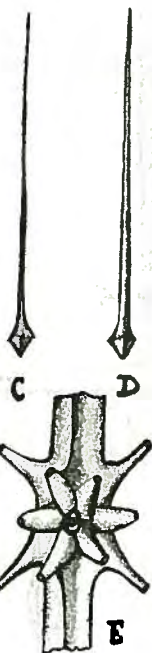
5 *Acanthocystis* *pallidus*

CHAPITRE XIII. Acanthaires.

- *Chamaecantha* Fig. 1-2-3
- *Arthracantha* Fig. 4-5

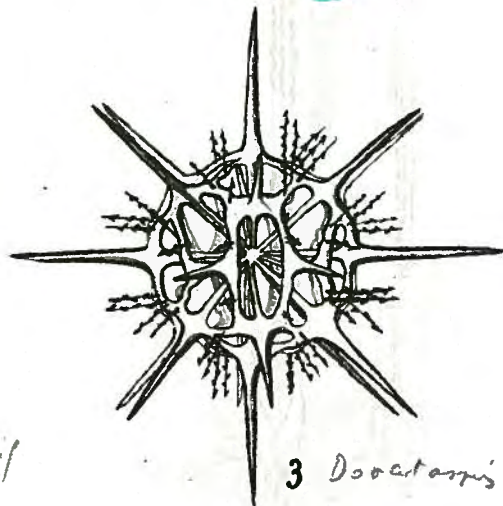


Amphionche elongata



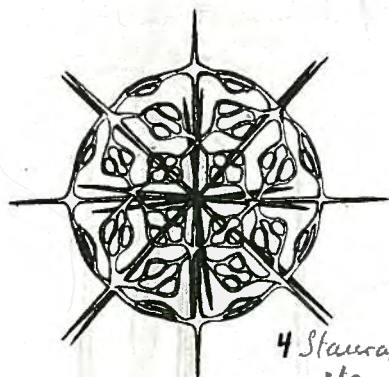
2

Lithoptera milleri



3

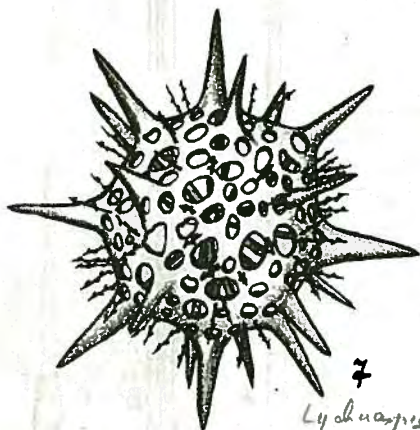
Dooartaspis Costae



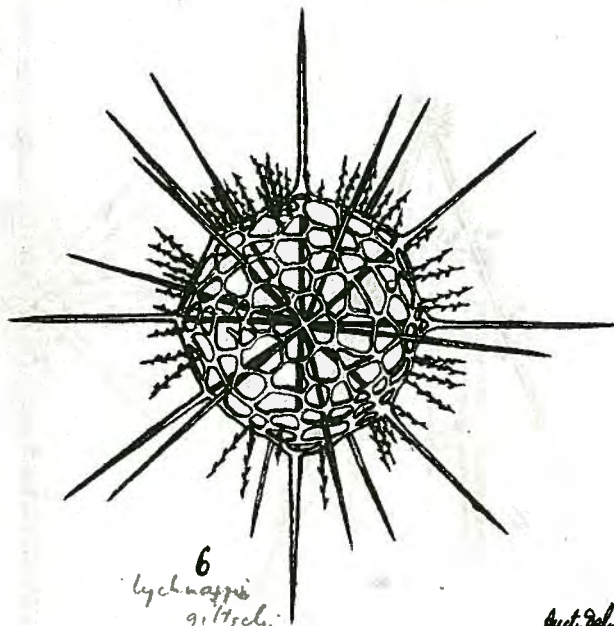
4 *Stauraspis stauracantha*



5



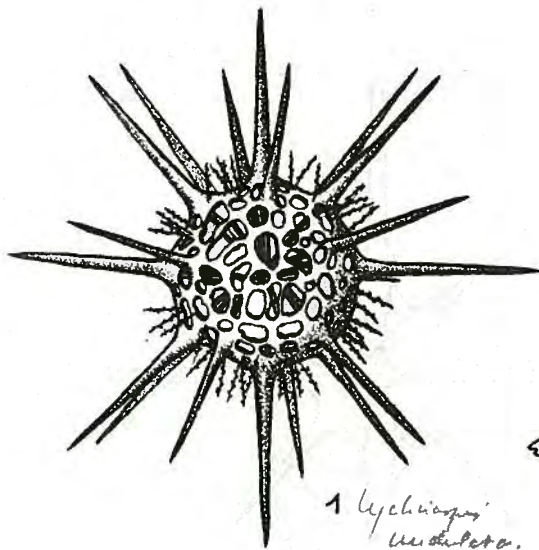
7 *Lychnaspis polyacantha*



6

Lychnaspis gitschi

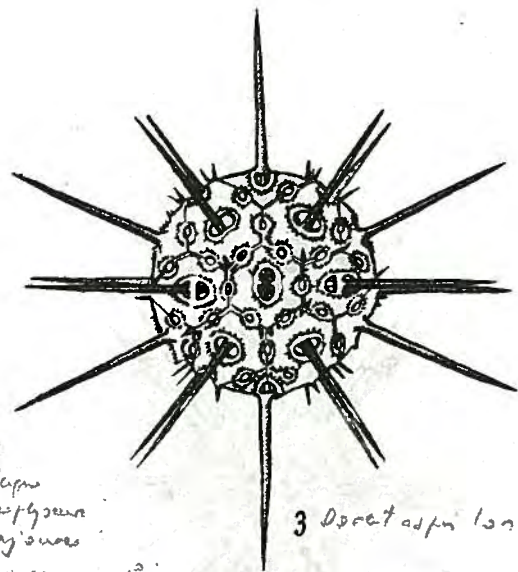
Aut. Del.



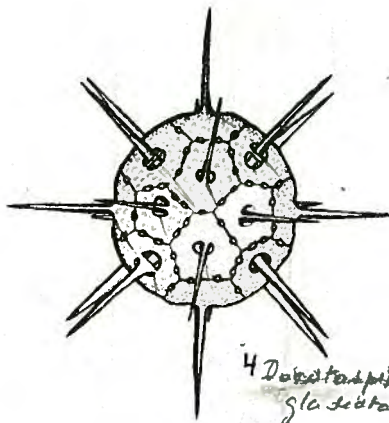
1 *Uchloina*
undulata.



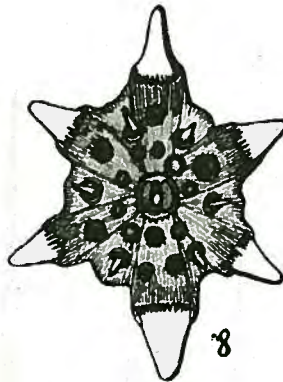
2 *Icosasphaera*
elegans



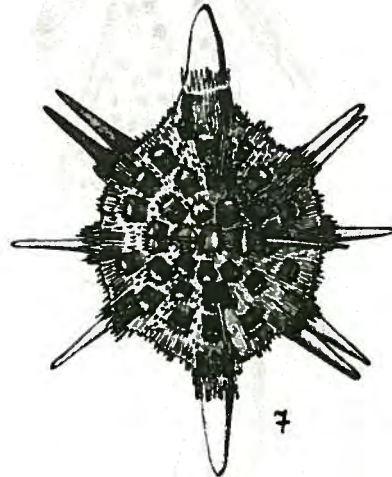
3 *Dactylosphaera*
lenticula.



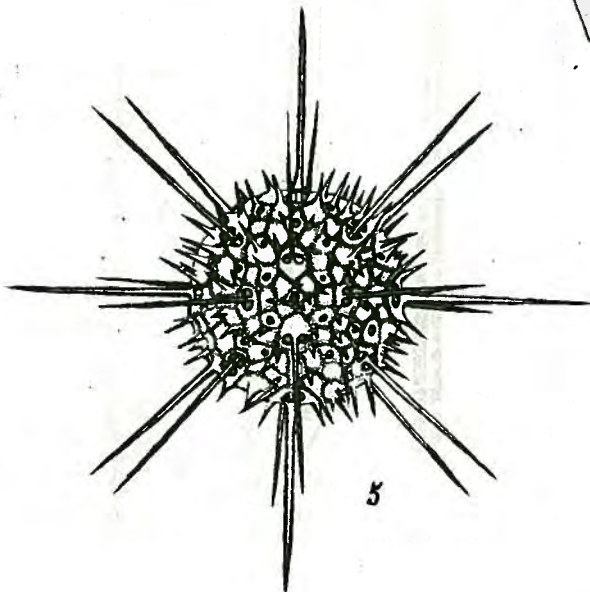
4 *Dactylosphaera*
glabella



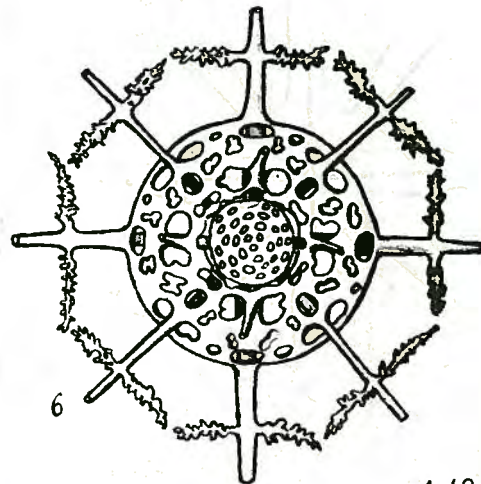
8



7

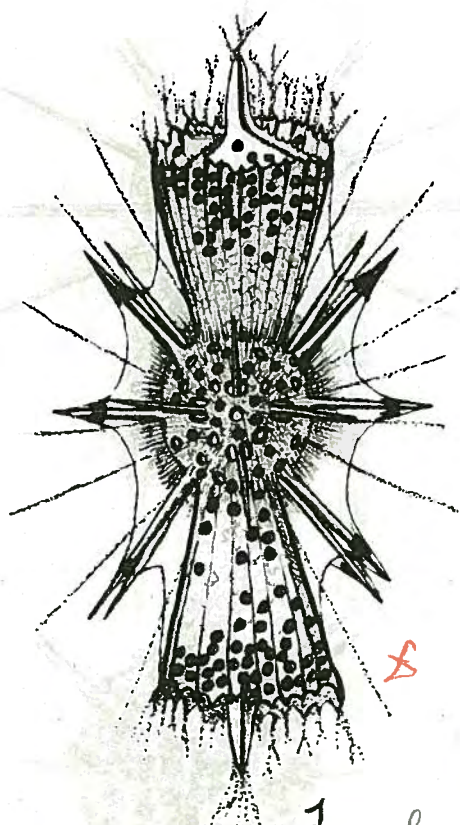


5

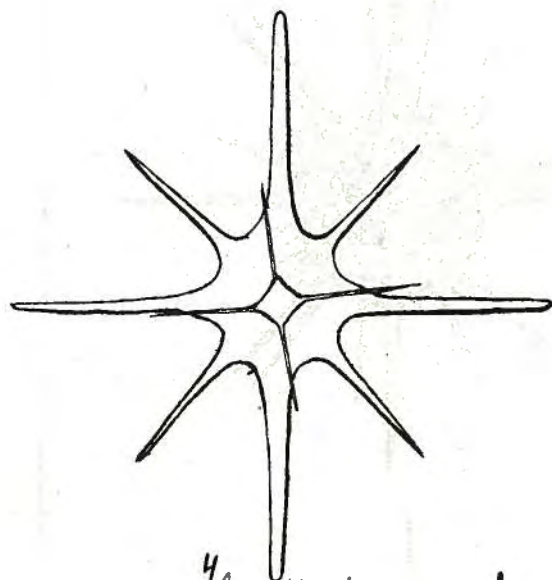


6

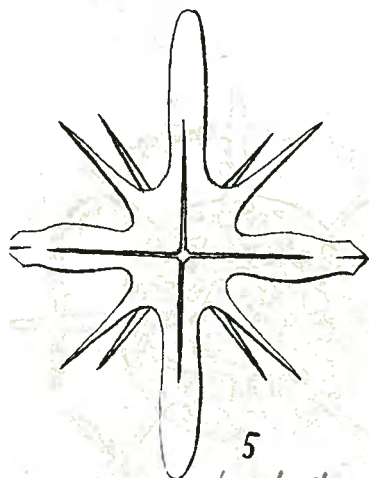
Aut. Del.



1
Diploconus fasciatus
Haeckel in vivo.



4
Acanthostauracus purpuraceus



5
Loxostaurus rhombicus



A



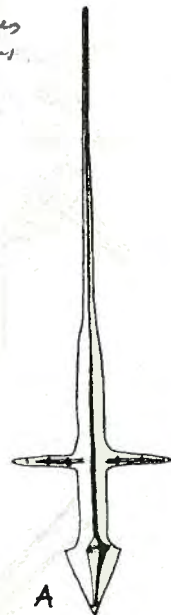
B



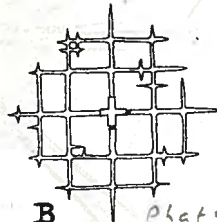
C



3



A



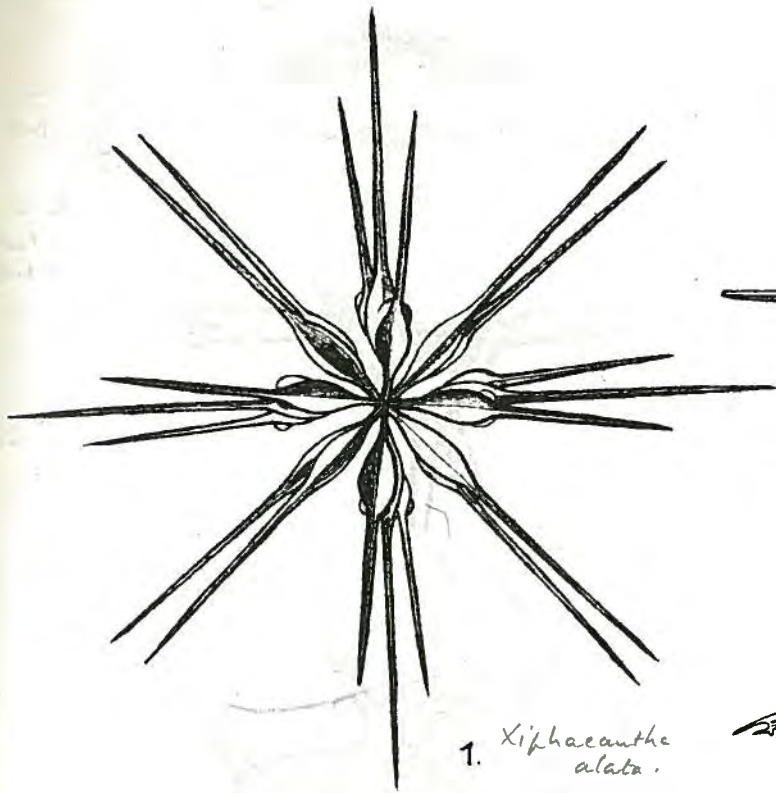
B

6

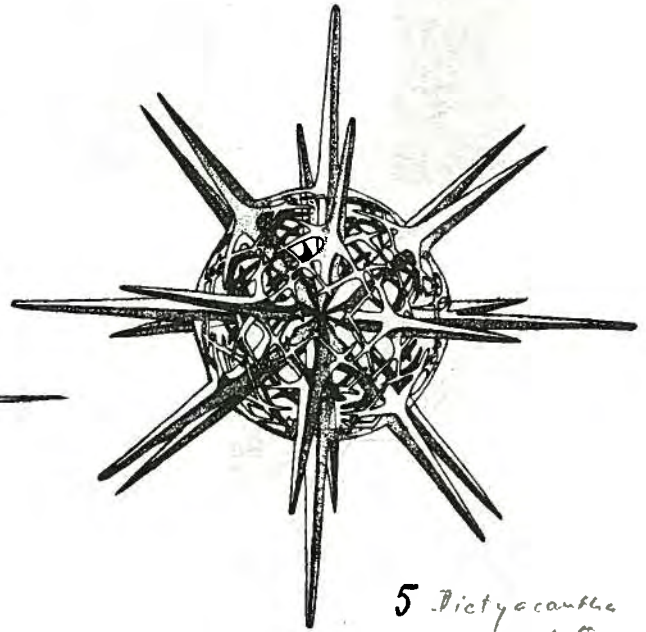
2
Phyllostaurus

amphistaurus

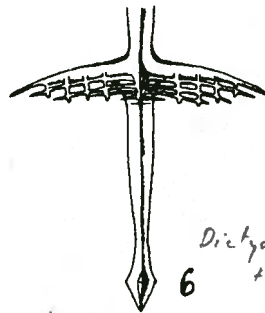
Platystrophia
ico.
Aust. del.



1. *Xiphaecanthe alata*.



5. *Dictyocanthe tetragonocephala*.



6. *Dictyocanthe tabulata*.



A



B

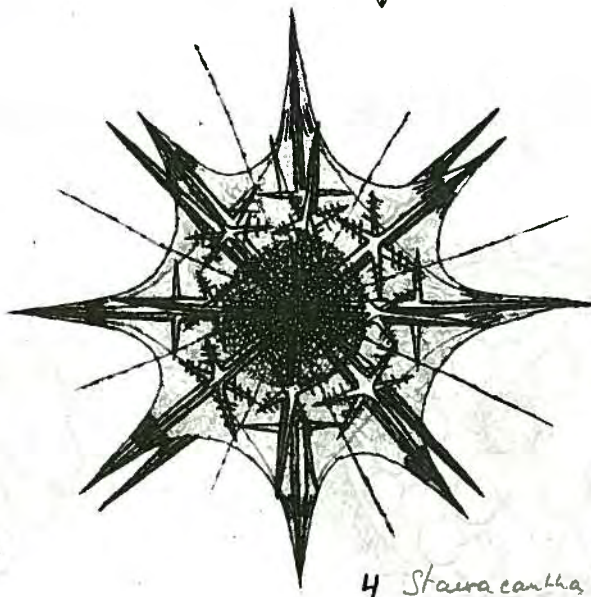


C



D

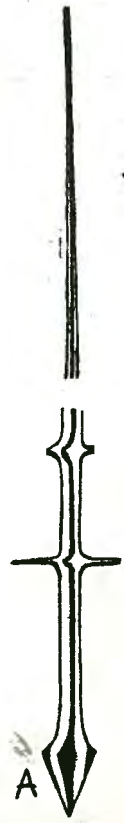
3. *Xiphaecanthe*.



4. *Stauracantha orthogonoides*.

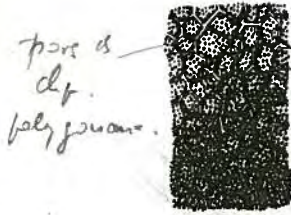


B

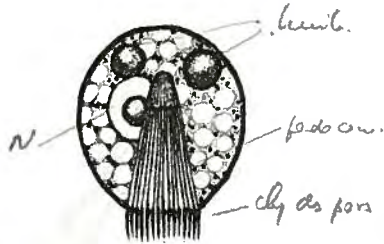


A

3. *Dictyocanthe*.



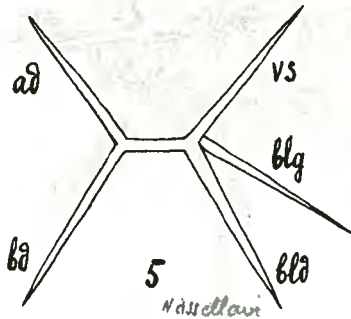
1 *Thalassiosira nucleata*



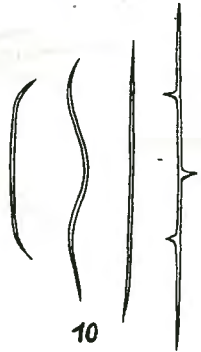
2 *Tridictyopus elegans*



3 *Tuscara notionalis* - cytop. + mitoch. sans microtubul.



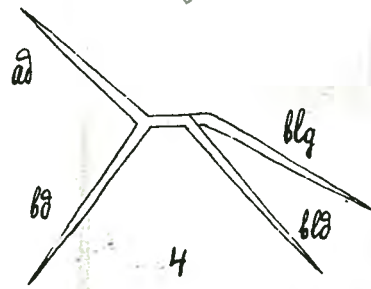
5 *Nassella*



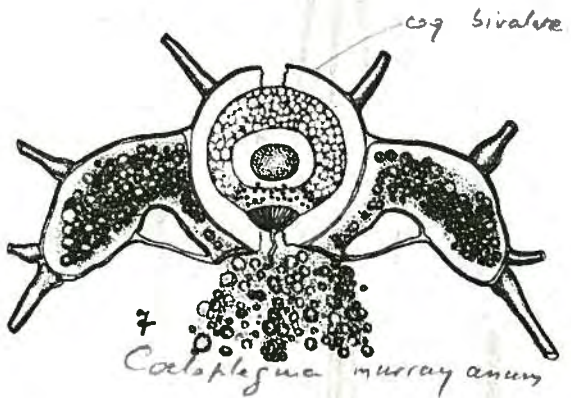
10



6 *Coelodentium ramosissimum*



4



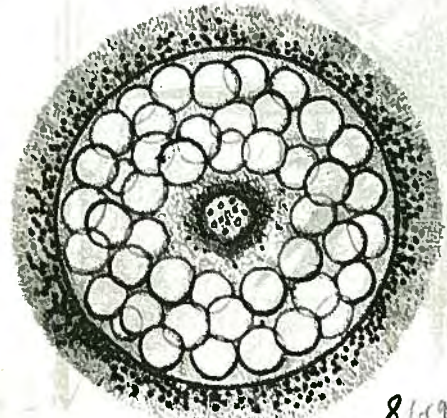
7 *Coeloplegma murrayanum*



9

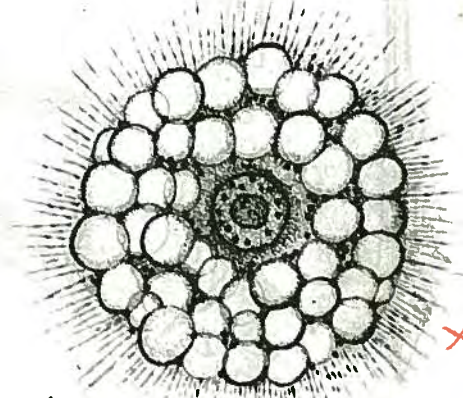


12 *Thalassiosira spumella*



8 (59)

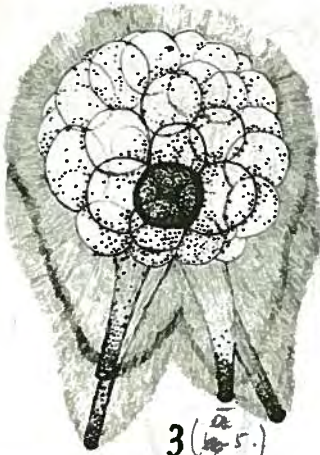
Thalassolampe margarodes



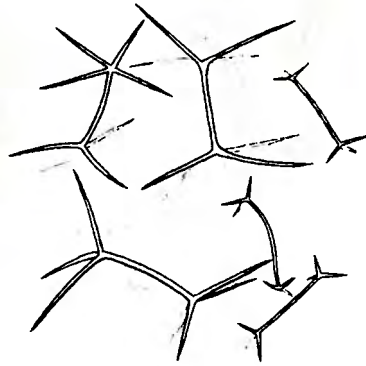
11

Thalassiosira pellucida

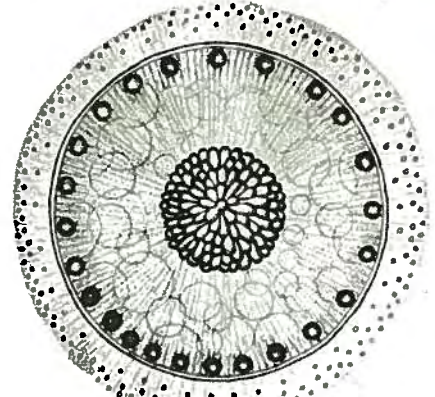
aut. del.



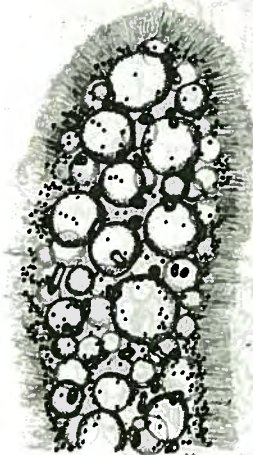
3 (a 5.)
Thalassophysa sanguinolenta.



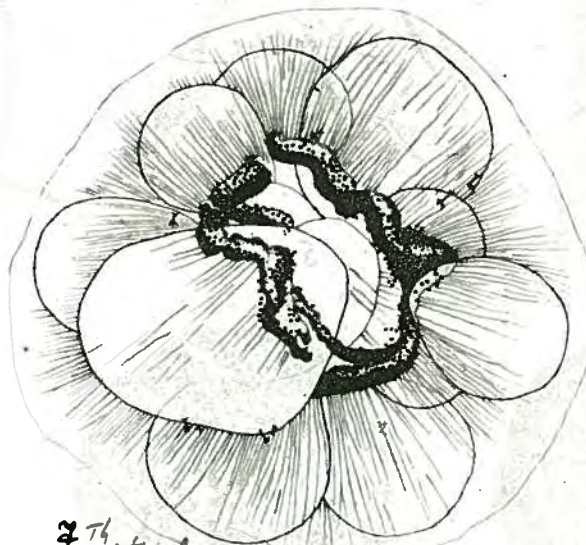
2



8 *Thalassophysa cladocerca*.



4 Th. sp.
au st. p. y. H. jeune
→ coll. p. p. y. H.



7 *Th. spiculosa* var. de laurif. ; Colonne polytyp.



A

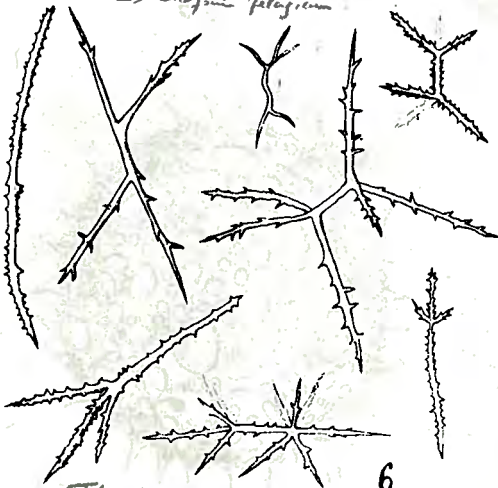
200 x 200 cells of
Th. sang.
(st. veg.).



B

st. fl. y. p. l. l.
avec 1000000
reps.

5



6 *Thalassophysa spiculosa*.

Colonne



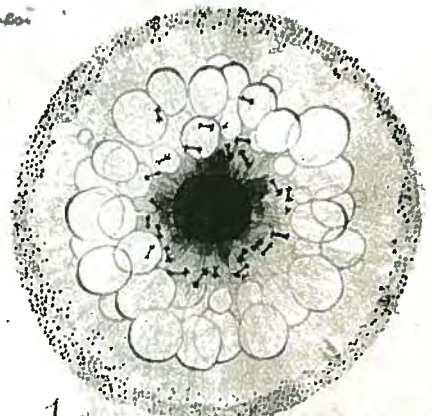
A

en var. de
spiculosa

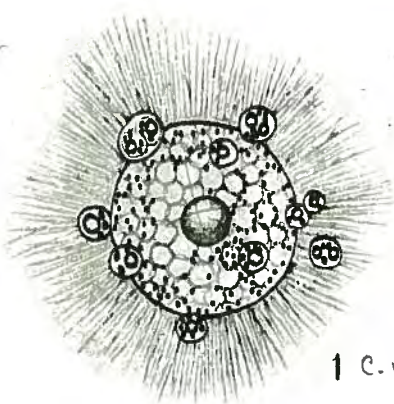


B

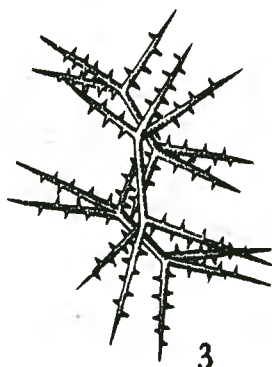
9 *Collozoum inerve*.



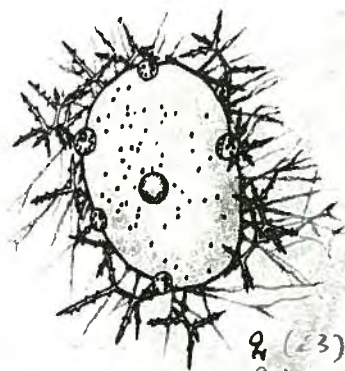
1 *Thalassothrix* sp. (punctatum?)
(or 2) aut. v. a.



1 *C. igerna*

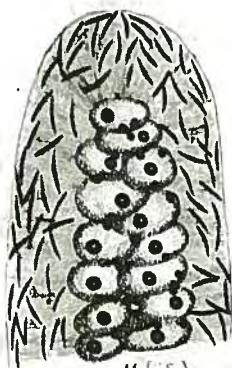


3



2 (23)

Spherozoum punctatum

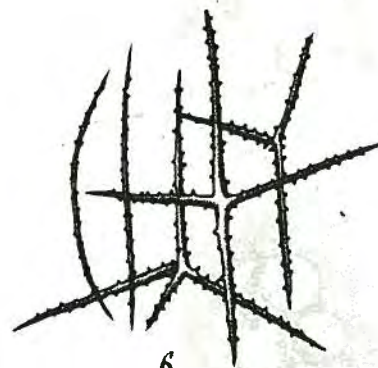


4 (5)

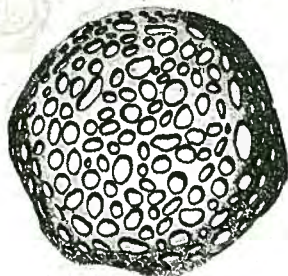
Sph. neapolitanum



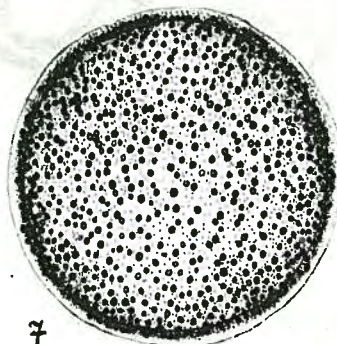
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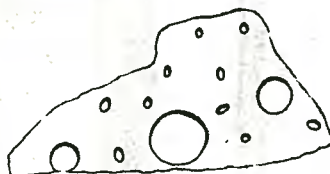
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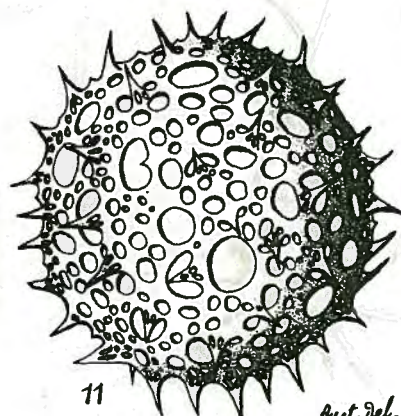


A



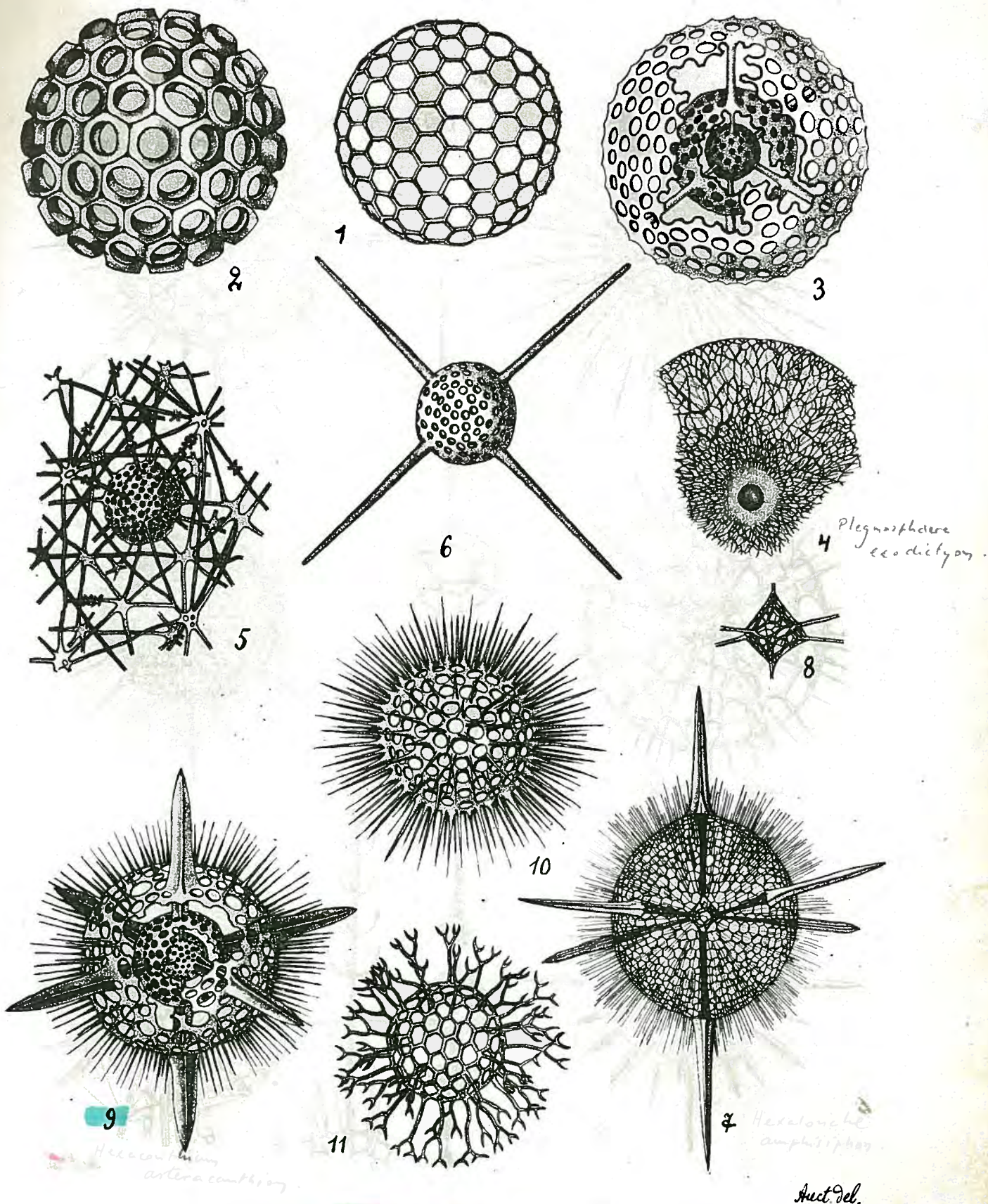
B

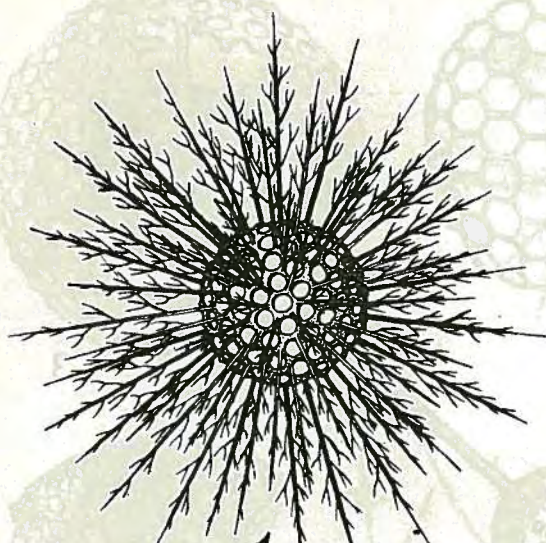
12



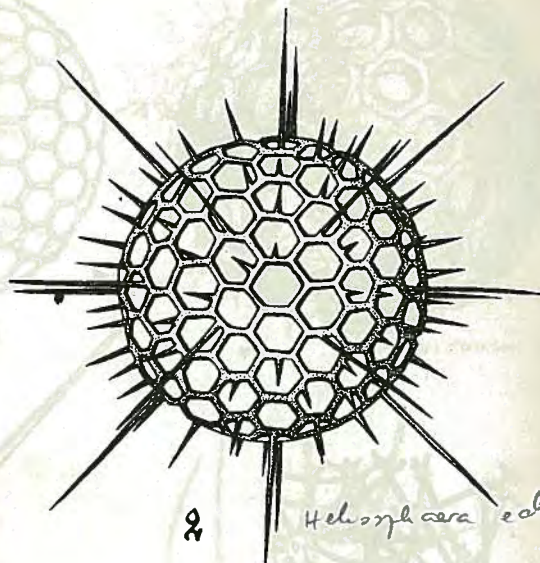
11

Aust. Del.

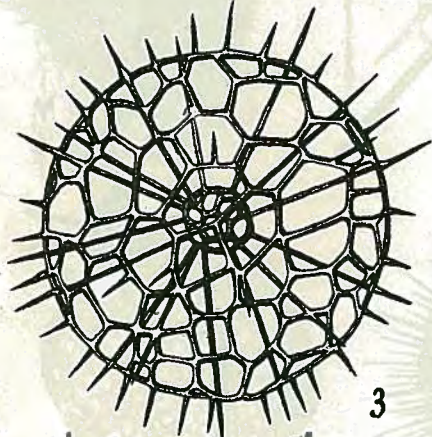




1 *Cladococcus viminalis*
var. *b. furcatus*



2 *Helosphaera echinoides*



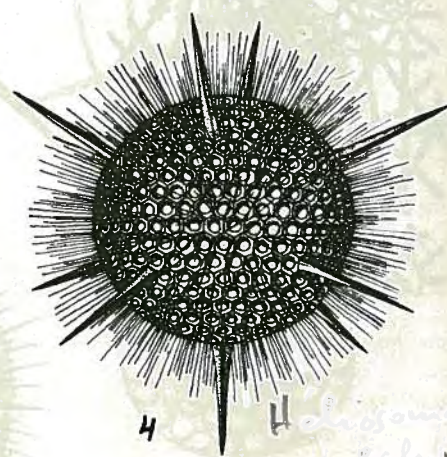
3 *Helosphaera capilla*



5



10



4 *Helosphaera echinoides*



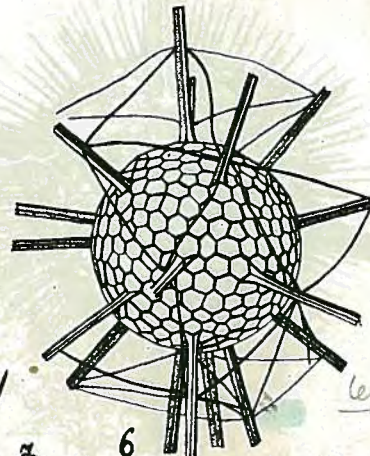
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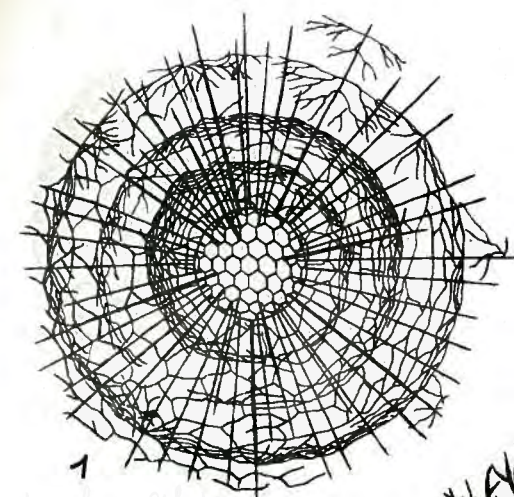


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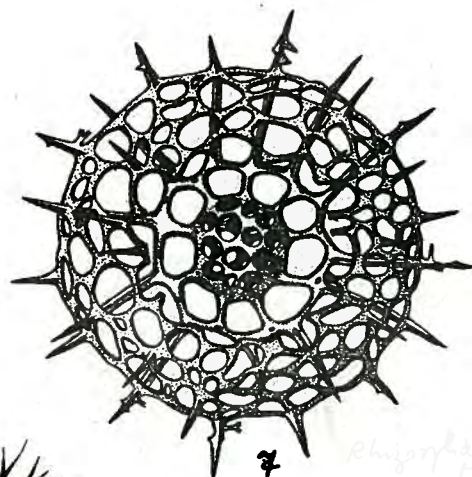
Leptosphaera hexagona

Aust. 2d.

sphaeroides

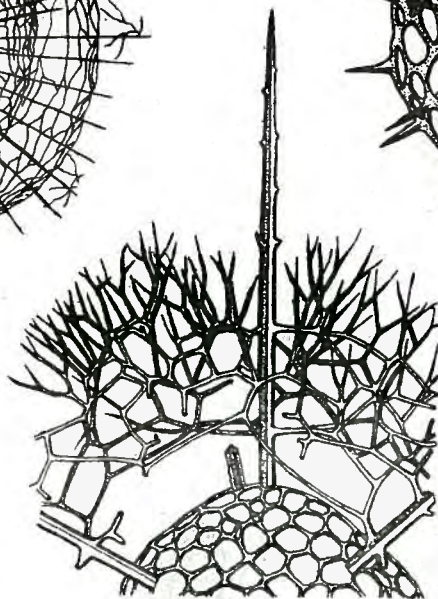


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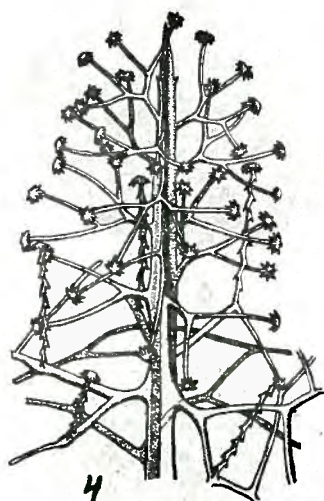
7

Rhyosphaera trigonocantha

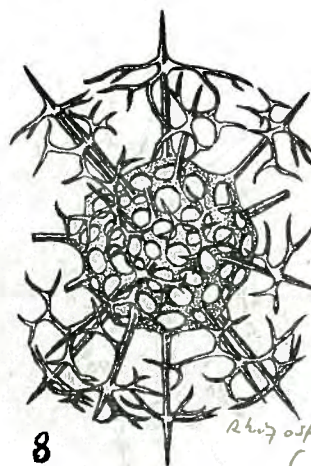


2

Rhyosphaera papulata

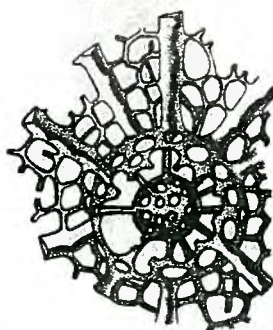


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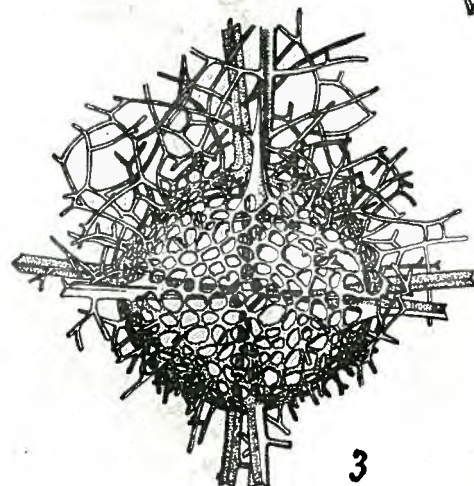
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Rhyosphaera trigonocantha
(7-8)

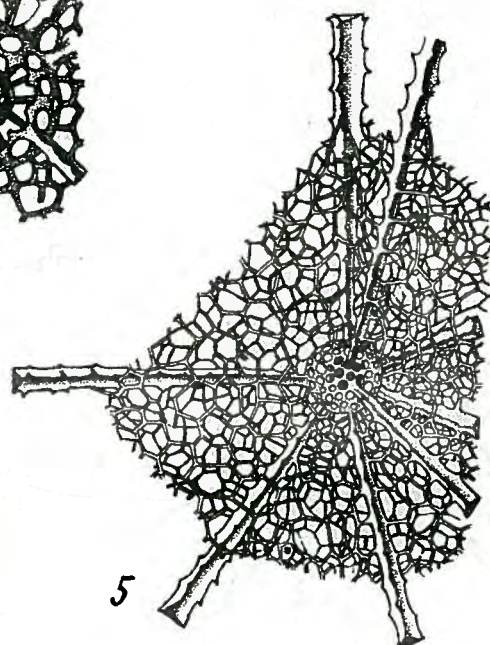


6

Sphaerella



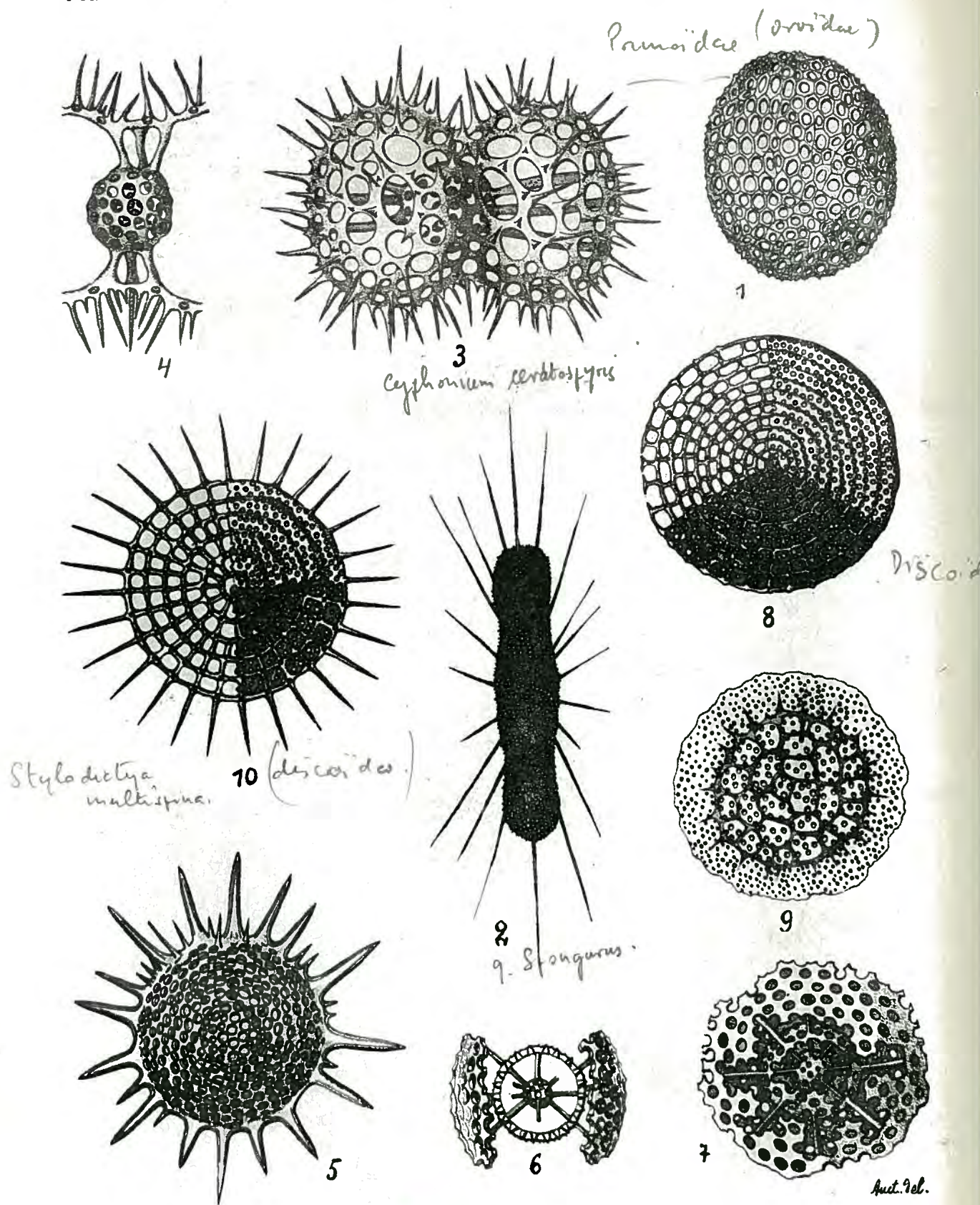
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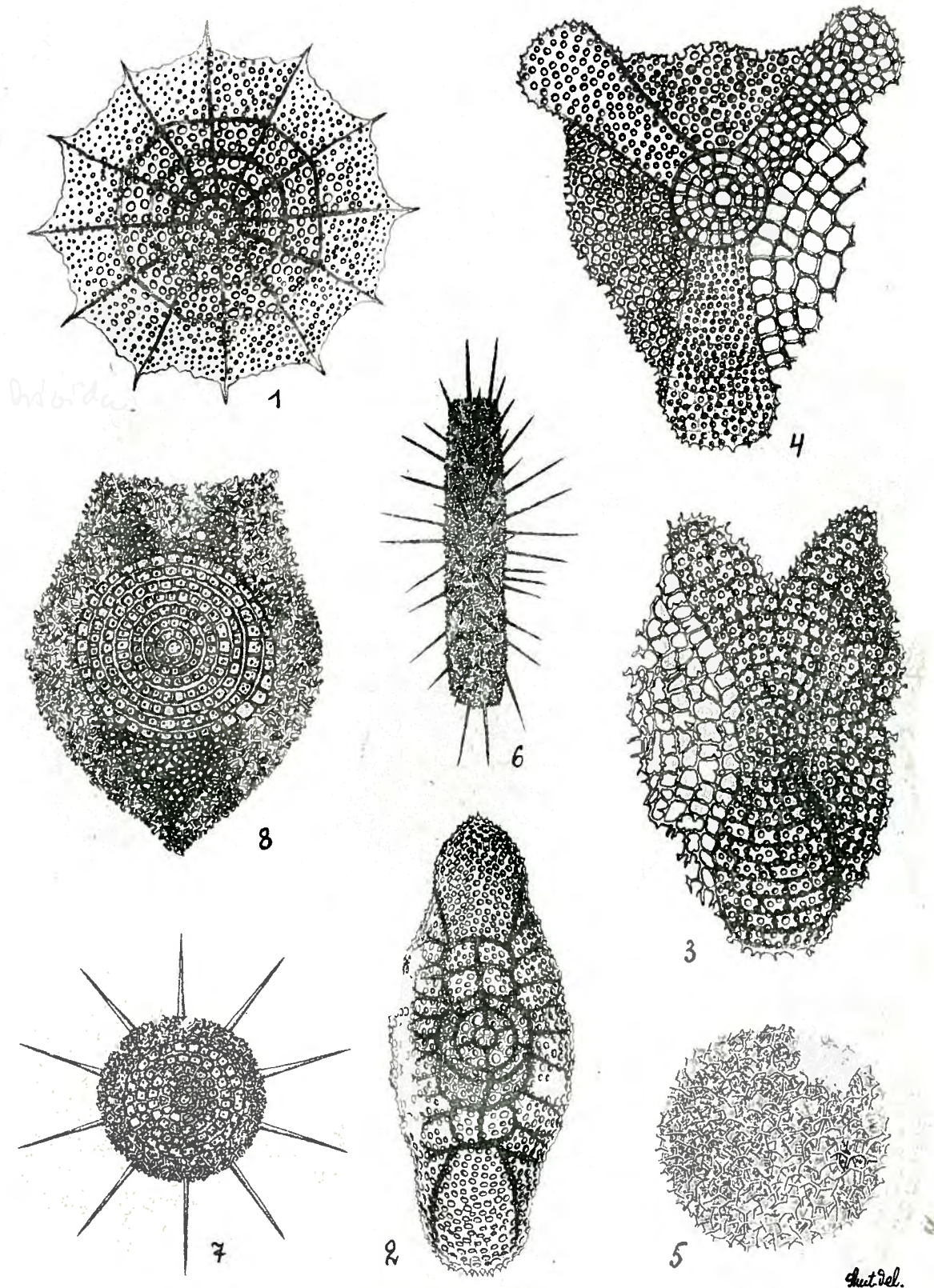


5

Sphaerella
Strophocantha
(5-6)

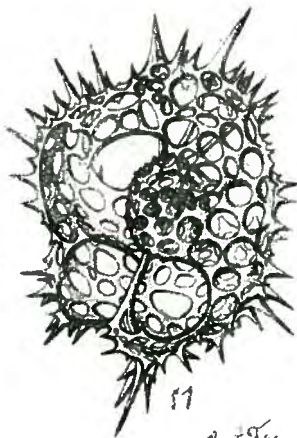
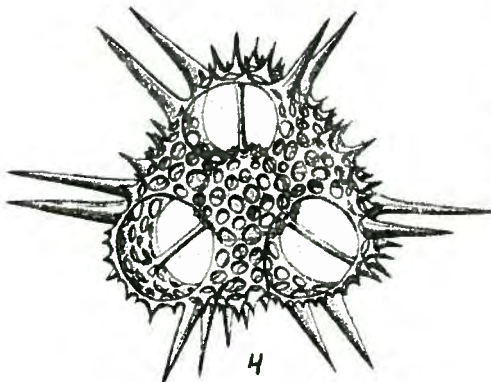
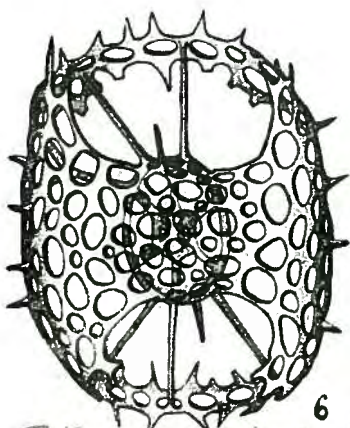
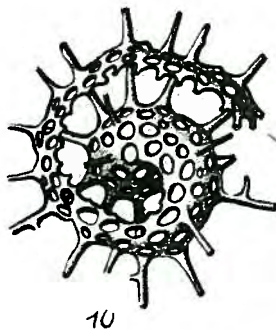
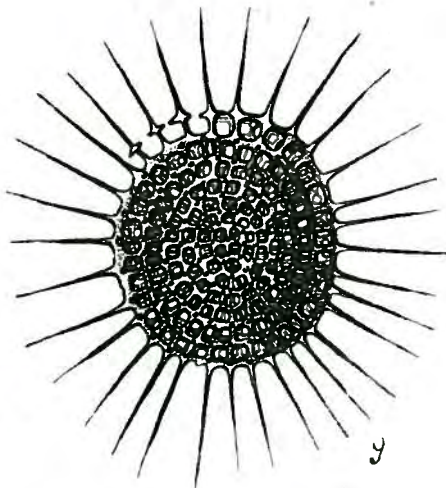
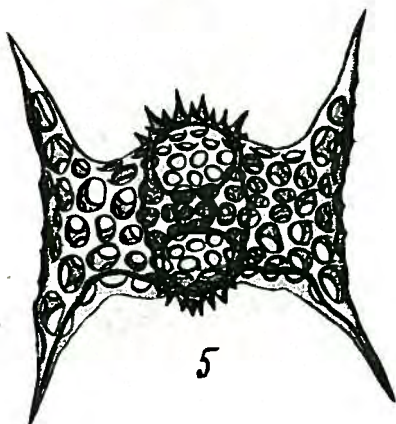
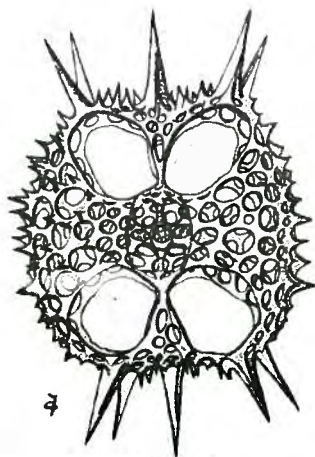
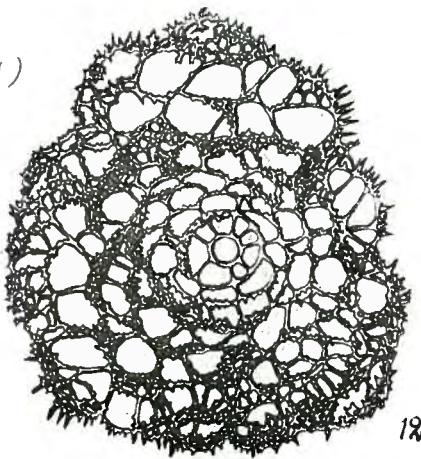
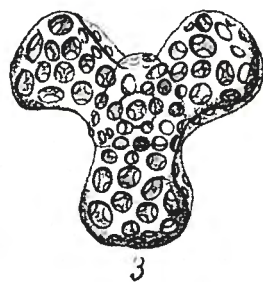
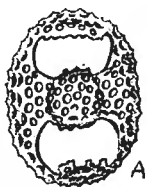
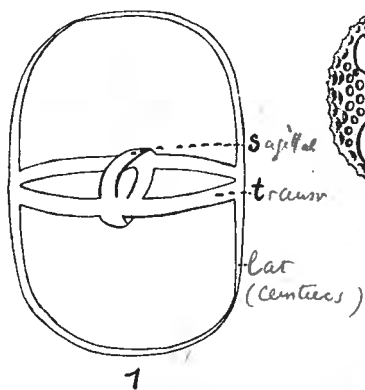
Suct. Del.





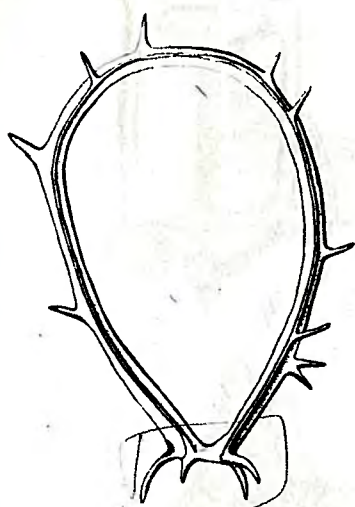
Aut. Del.

Laroidae.

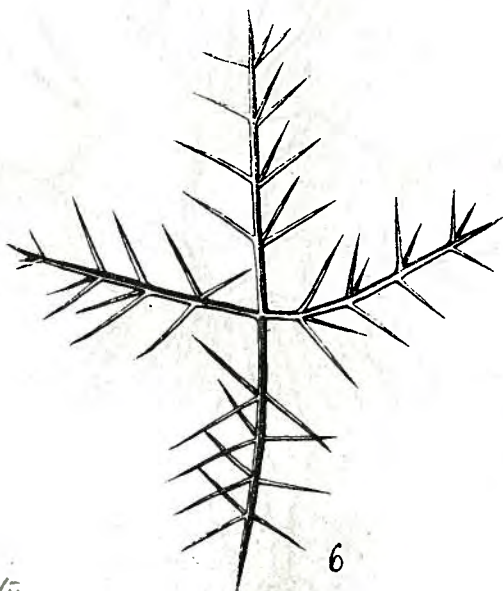


Tetrapyle octacontia

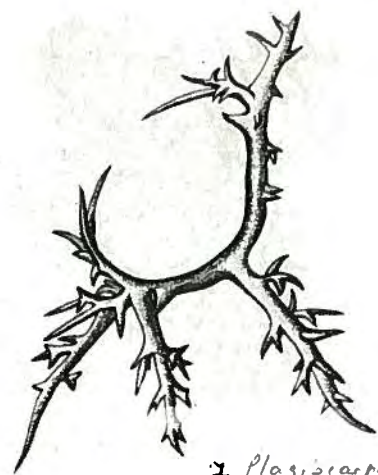
Aut. Tex.



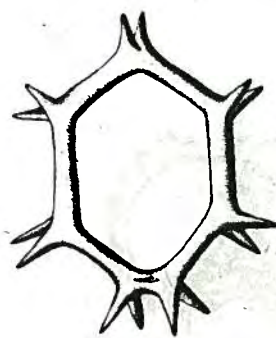
9 *zygocirrus productus*



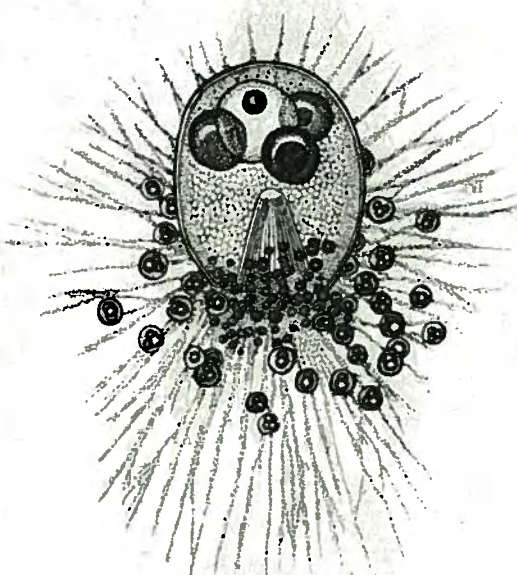
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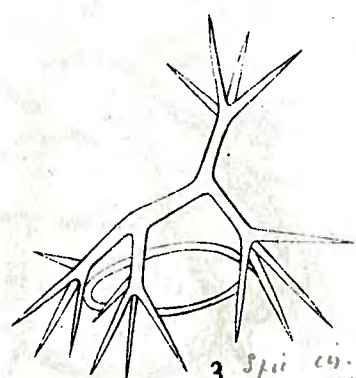
7 *Plagiocarpa procontia*



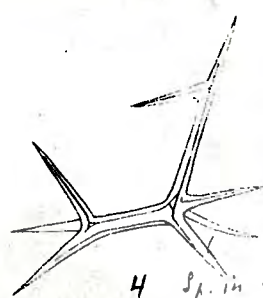
8



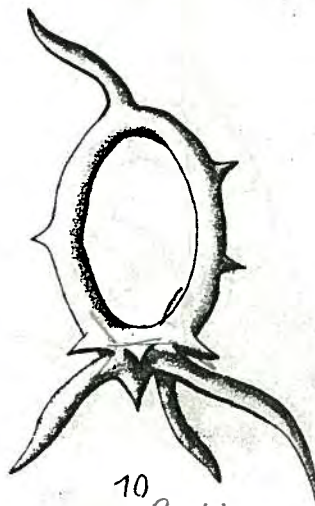
1 *Cystodinium princeps* (?)



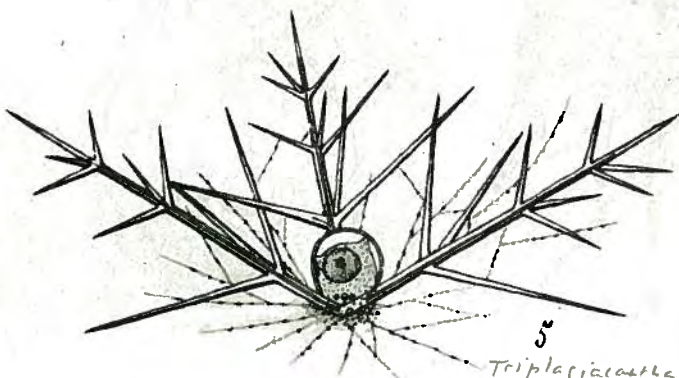
3 *Spicula plectocantha*



4 *Sp. in.*



10 *Cortina tripus*



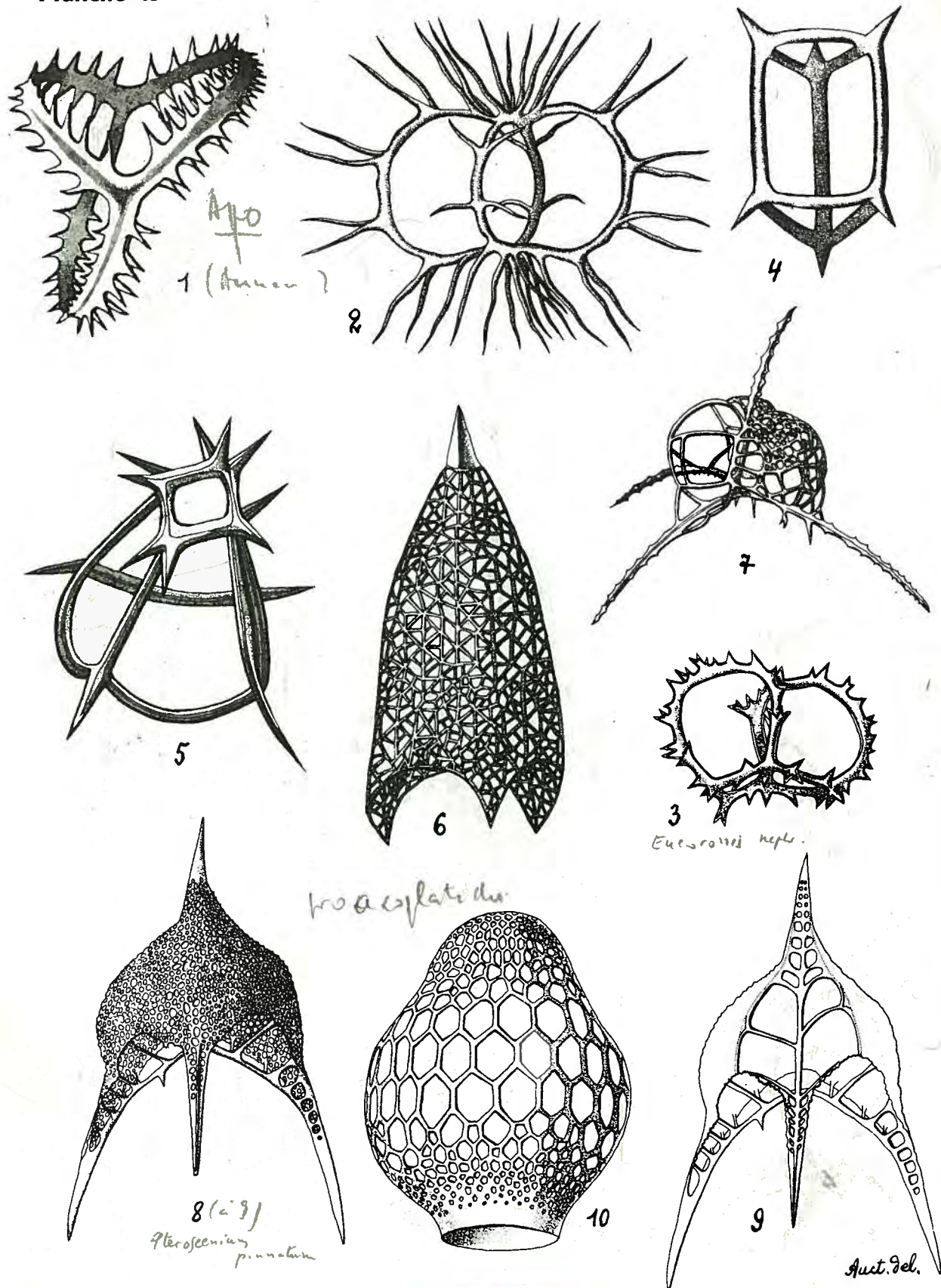
5 *Triplagiocantha abietina*

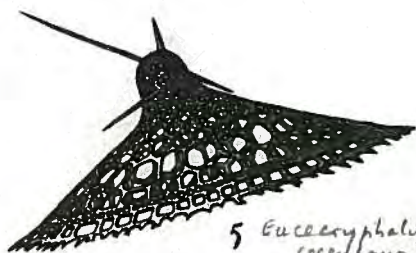


2 *Auct. vel. Cystidium. sp. (sp. ap. unipar.)*

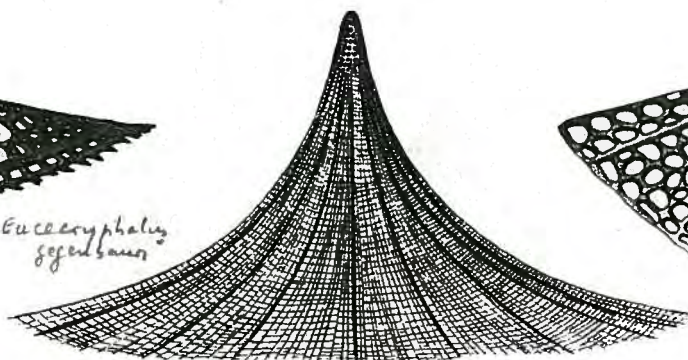
CHAPITRE XIV. Radiolaires Nassellaires.

pro acopentoides

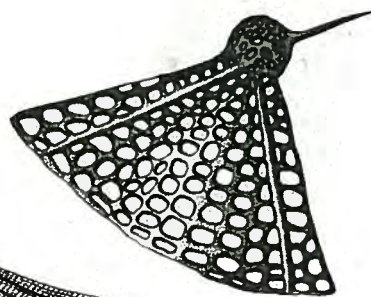




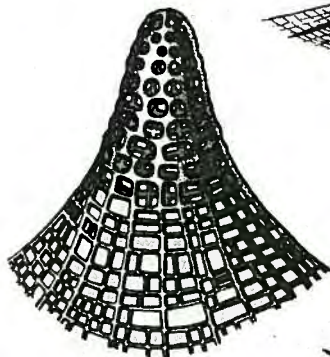
5 *Eucecryphalus gegenbaueri*



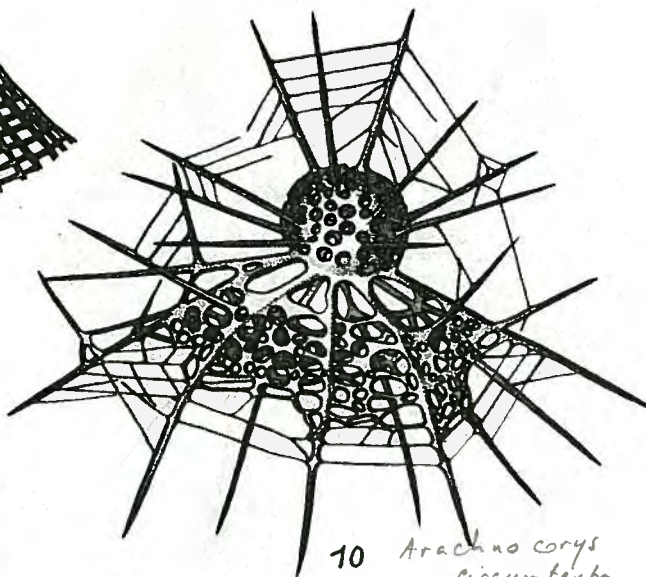
6 *Litharachnium tentorium*



4 *Lamprodiscus latus*



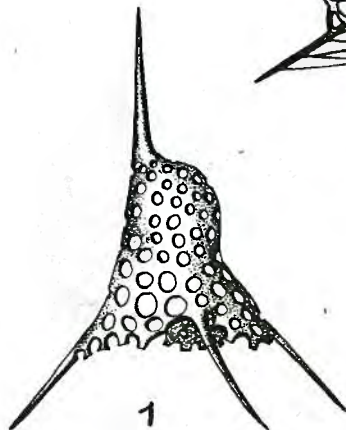
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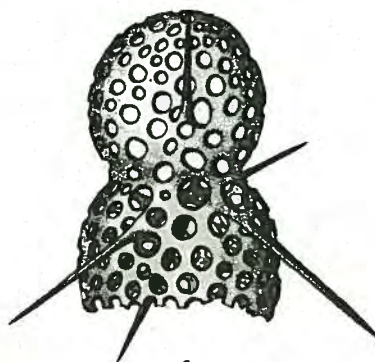
10 *Arachnocorys circumtexta*



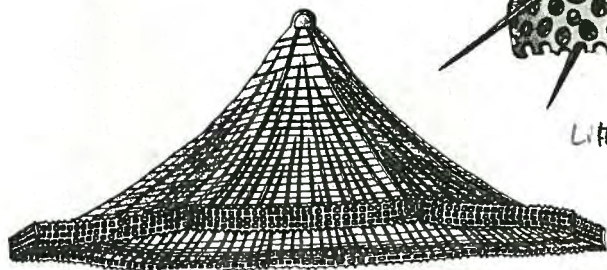
2 *Triporcyrtis plectamiscus*



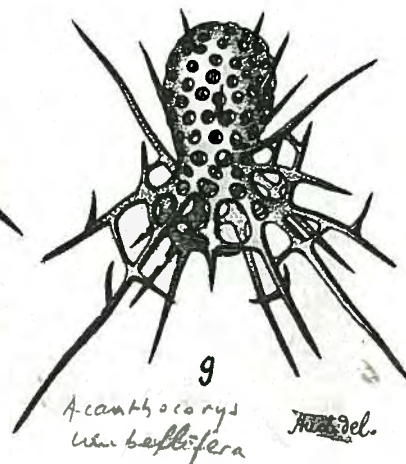
1



3 *Litharachnium thoracile*

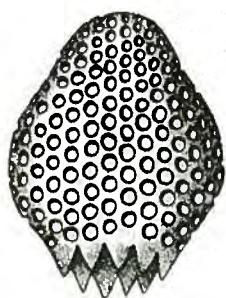


8 *Litharachnium longicorne*

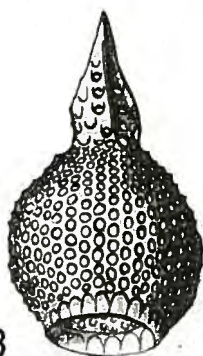


9 *Acanthocorys umbellifera*

Model.



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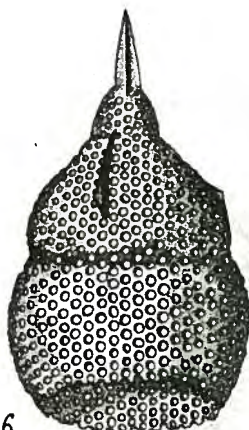


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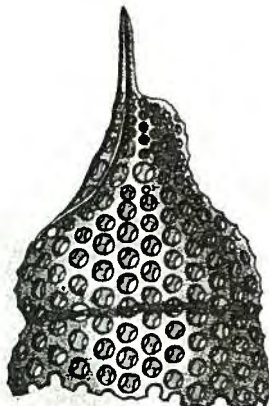
*Pterocanium
trilobum*



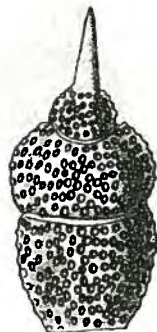
13



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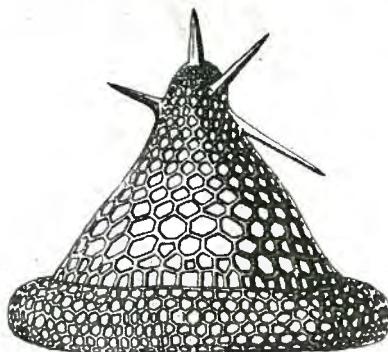
12



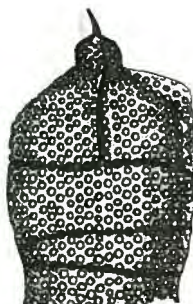
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4



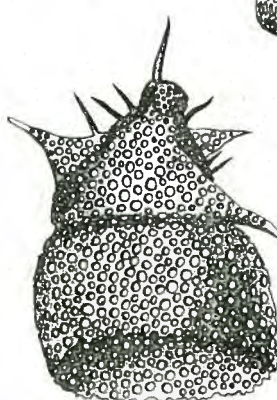
8



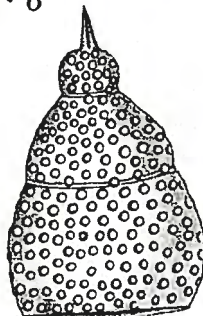
14



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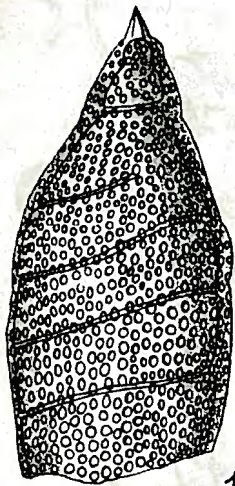
15

Auct. vel.

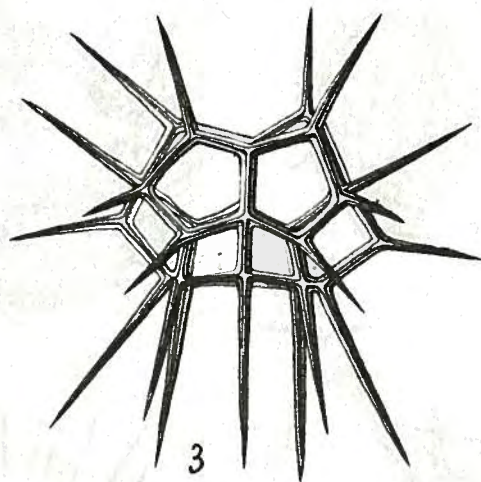
*Eucyphidium
cienkowskii*

CHAPITRE XIV. Radiolaires Nassellaires.

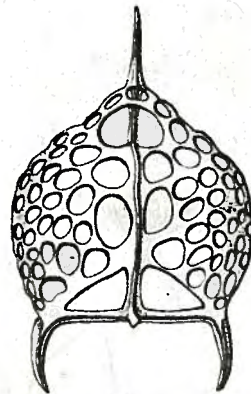
*Lithostrobos
conulus*



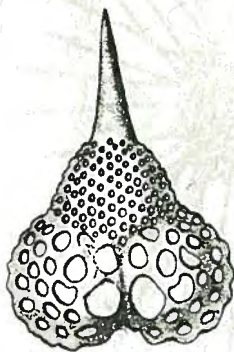
1



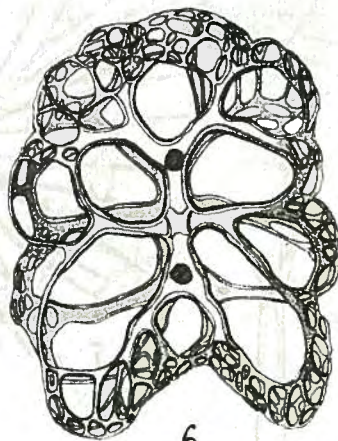
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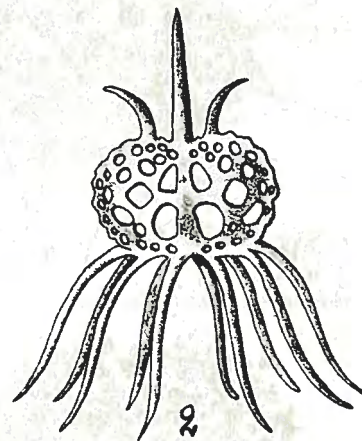
4



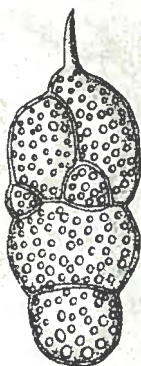
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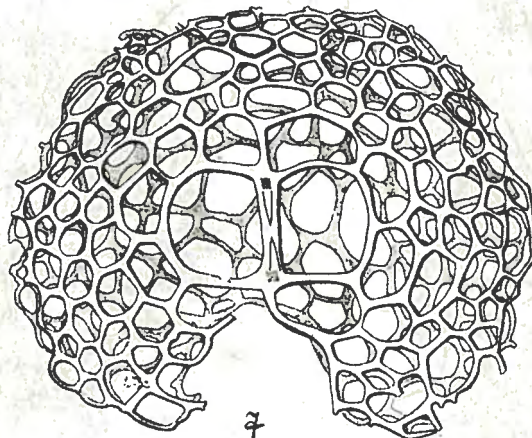
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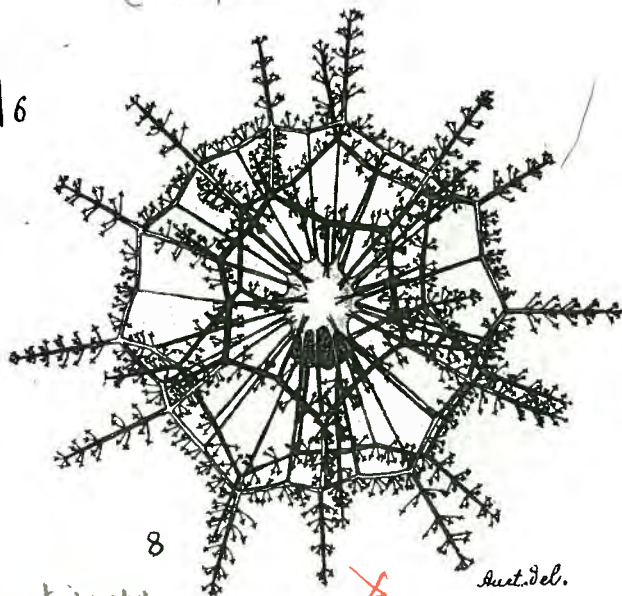
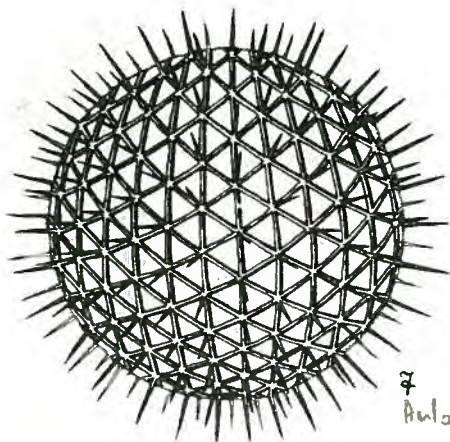
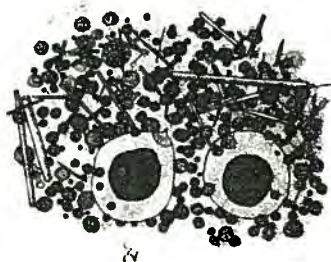
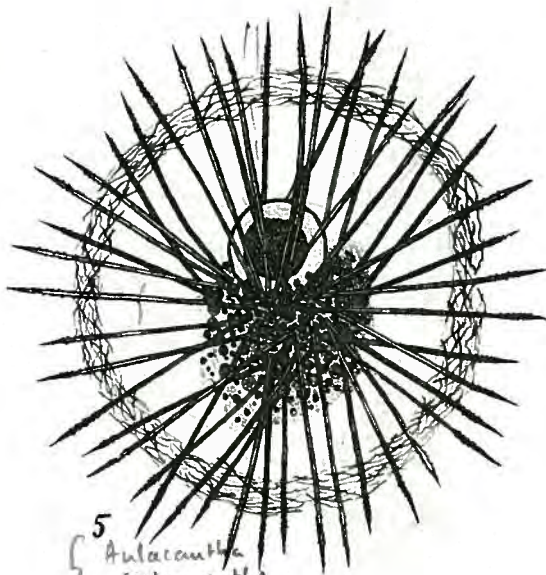
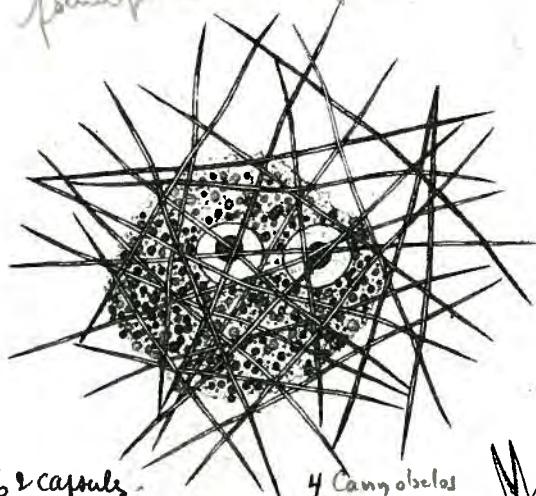
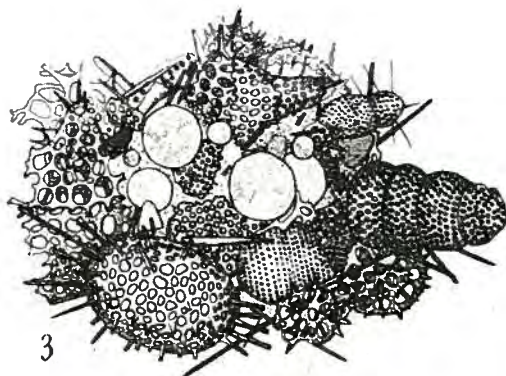
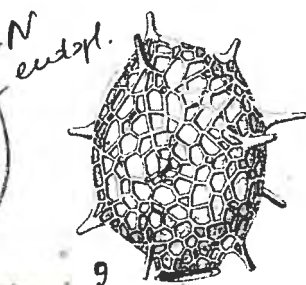
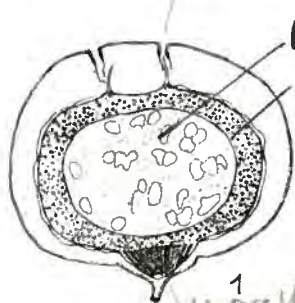
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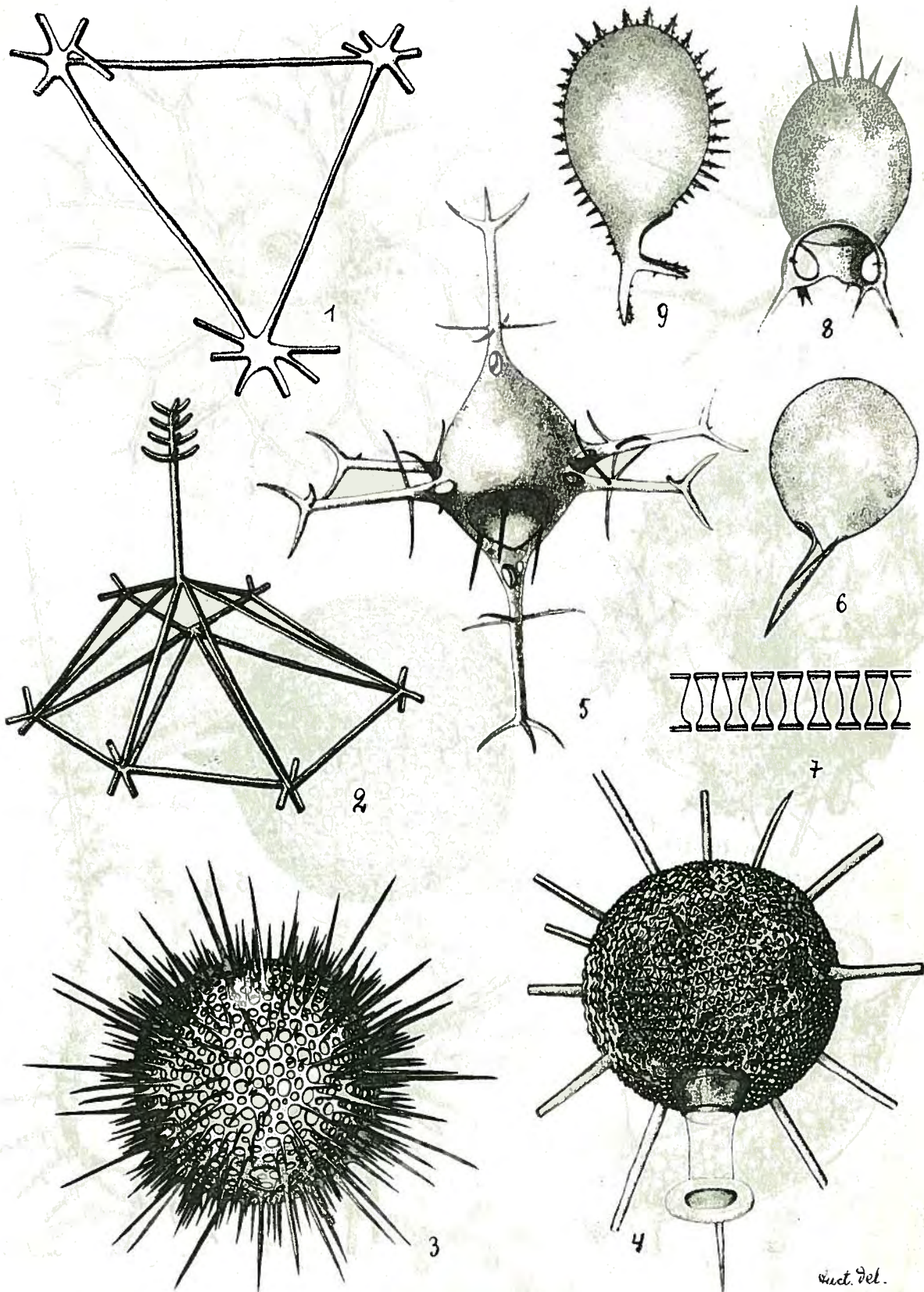


8
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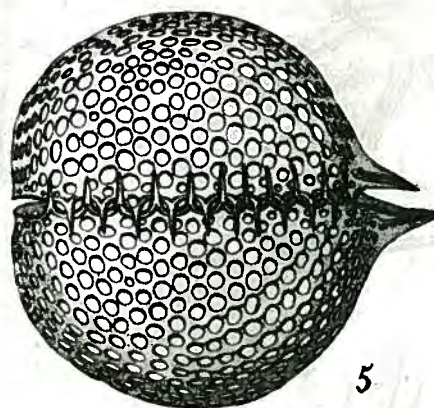
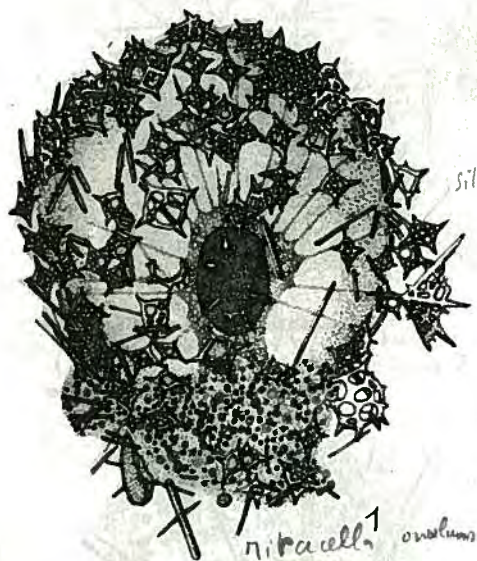
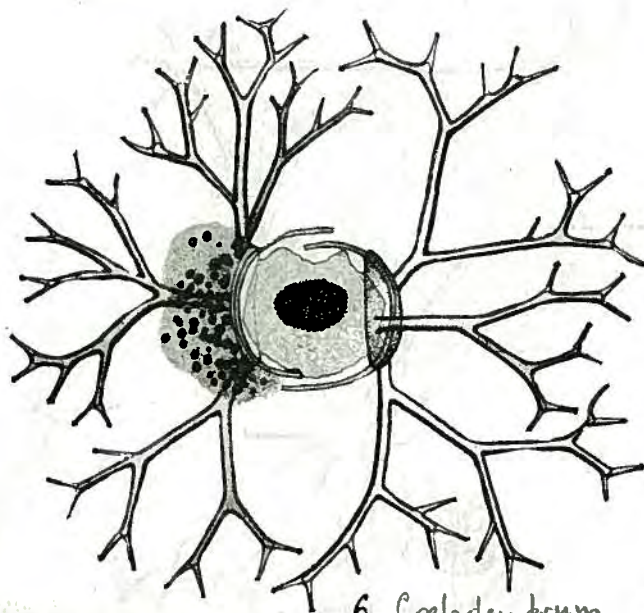
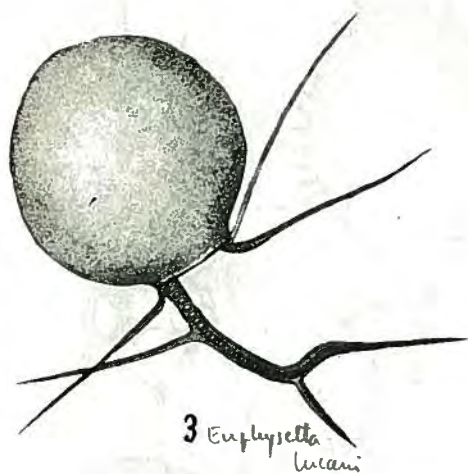


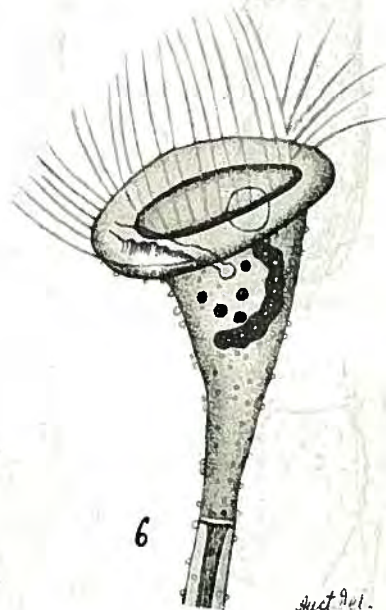
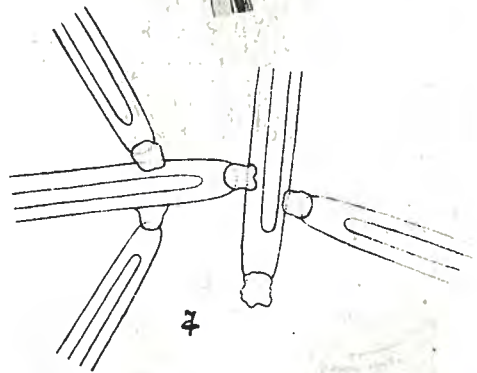
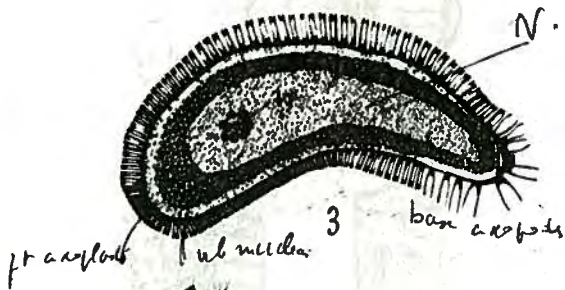
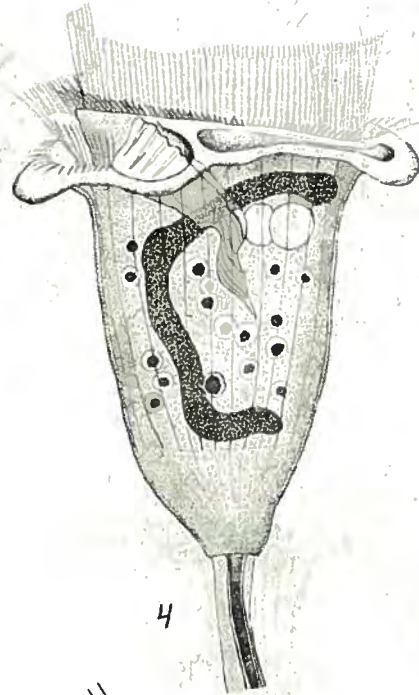
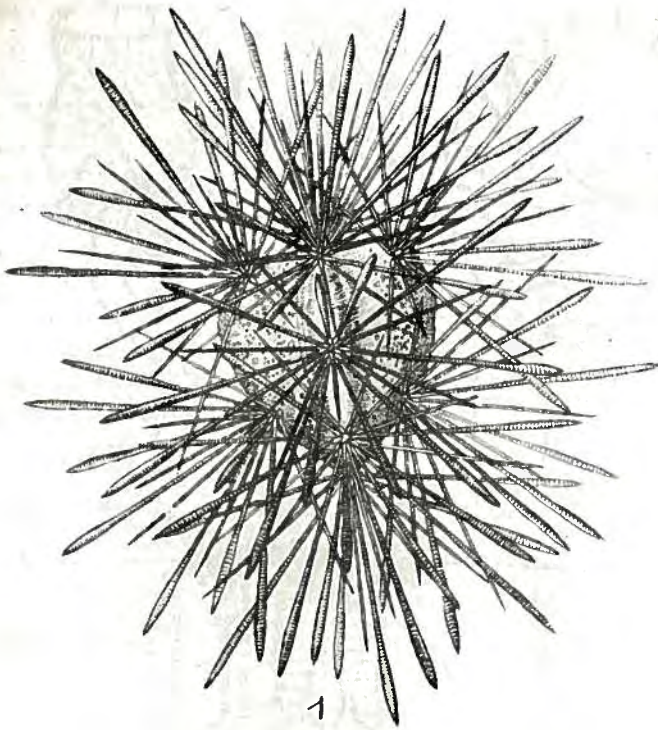
7 *Aulosphaera trigonopora*

Coelacantha ornata

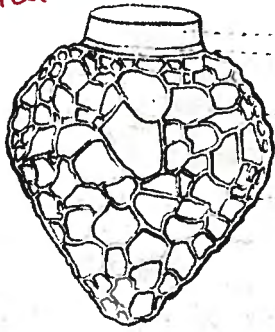


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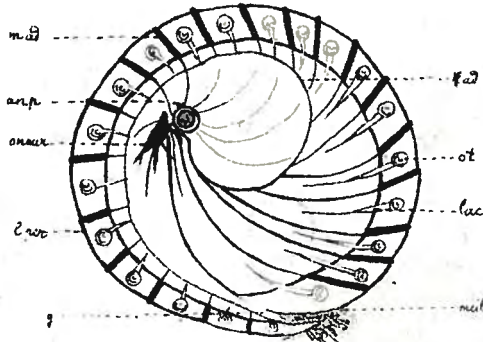




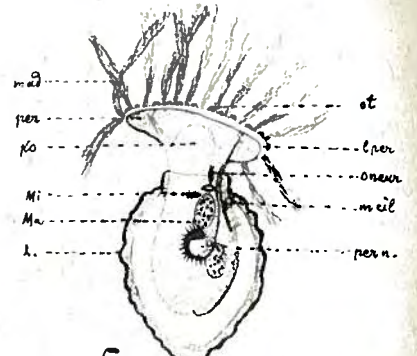
Stenosemella nivalis
(1-5)



1

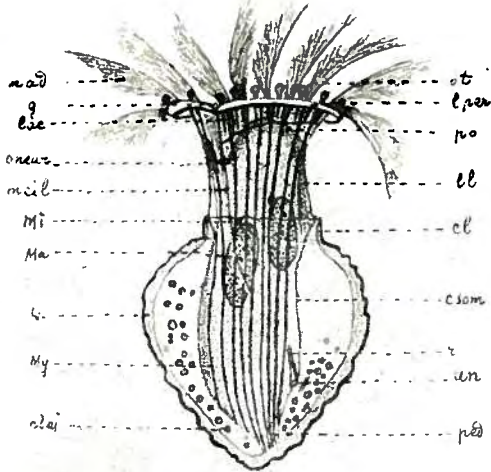


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la sinis brua



2



3

parante per
Karyoclastis tintinn

Tintinnopsis



6

T. neaplebanum



8

T. campanula



12

T. radia



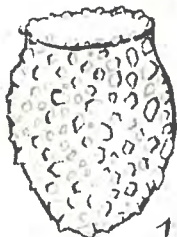
13

T. cylindrica



14

T. lobianci



11

T. macula
noix



10

T. angulata



9

T. büttschlii



15

T. vosmaei



7

T. bernicla
Auct. del.

Codonella
(n° 4)



3 x x
C. aperta
(n° 4)



1 *C. galea*
Cory-



2 *C. nicholsi*



4 *C. amphiole*



5 *Codonaria cistellula*
fam. u
b. u



7 x x x
Stenonella
ventricosa



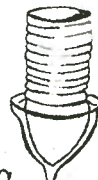
8 *St. nivalis*



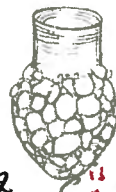
6 *Codonaria da dary*



13 *Cistella*



10 *Codonella psittacina*



12 *Cistella orthocera*



16 *Coxliella*
annulata



15 *Coxliella*
decipiens



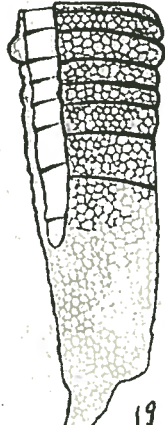
11 *Cistella*
longa



9 *Cistella*
orthocera



14 *Coxliella*
helicina



19 *Climacocylus*
scalaroides



18 *Climacocylus*
scalaris



17 *Coxliella*
foveata



29 *Poroculus*
apicalis



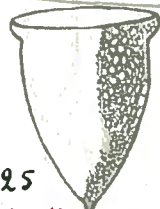
Helicostomella
subulata
H. edentata

Climacocylus = edentata

Climacocylus = edentata



28 *Helicostomella*
subulata
Cyrtocylus
lureocryphalus



25 *Cyrtocylus*
magna
Cassini



27 *Cyrtocylus*
plagiostoma



22 *Mercedhowskii*



21 *Retacylus*
pontica

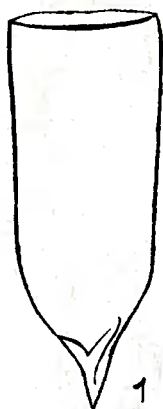


20 *Retacylus*
mediterranea



23

23



Favella ehrenbergi



2
F. adriatica



5
Favella fistulicanda



4
F. serrata



3
F. markuzowskii



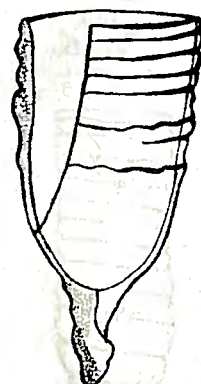
10
Craterella urceolata



7
F. azorica



9
E. blanda



6
F. brevis



11
Acanthostomella norvegica



15
Protorhinella curta



8
Epithocypris undella



14
Protorhinella simplex



12
Petalotricha ampulla



13
P. major



16
Rhabdonella spiralis



24
Per. aculeata



20
Rh. apophysata



19
Rhabdonella minor



17
Rh. elegans



18
Rh. amor



21
Parundella messianensis

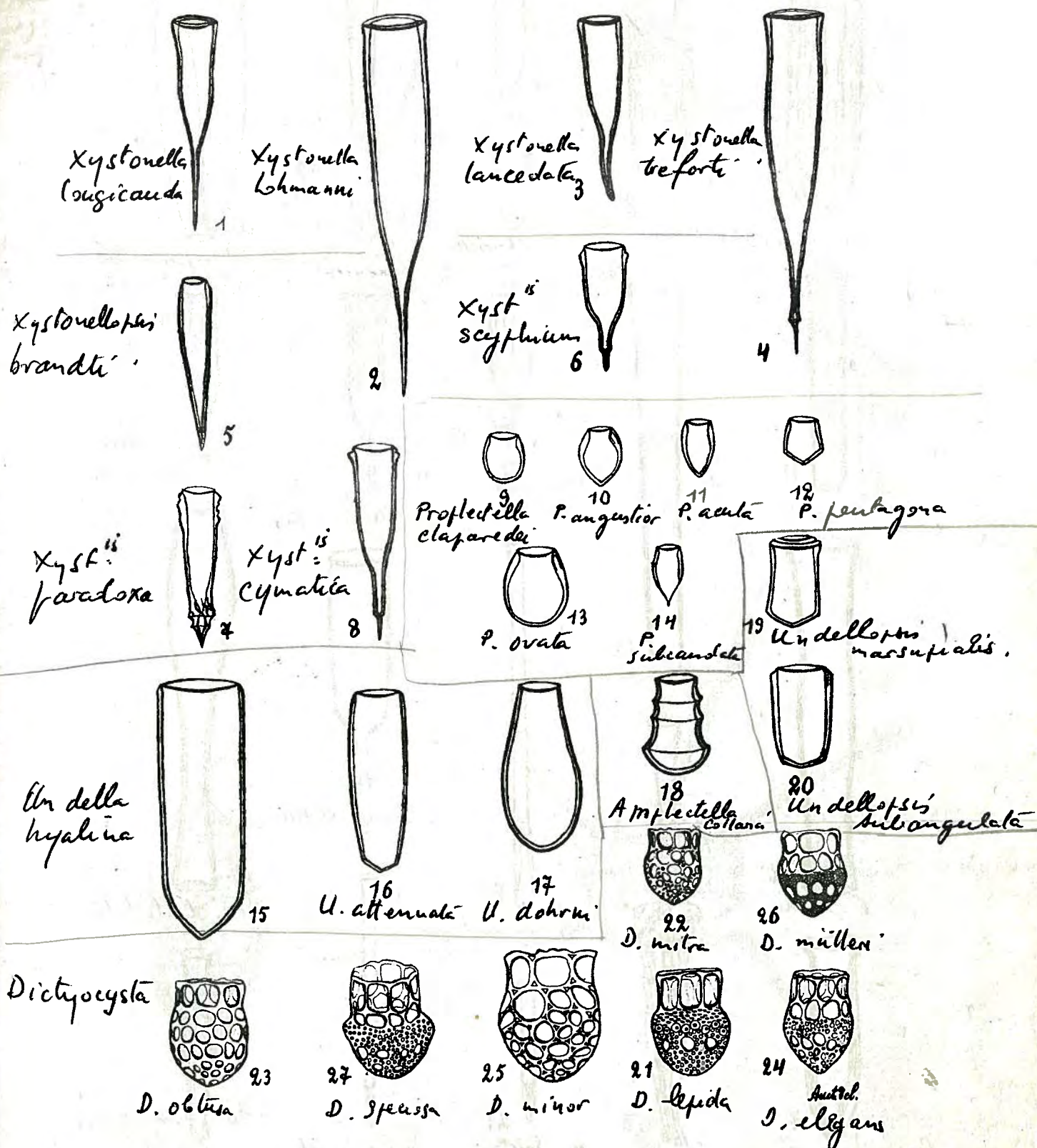


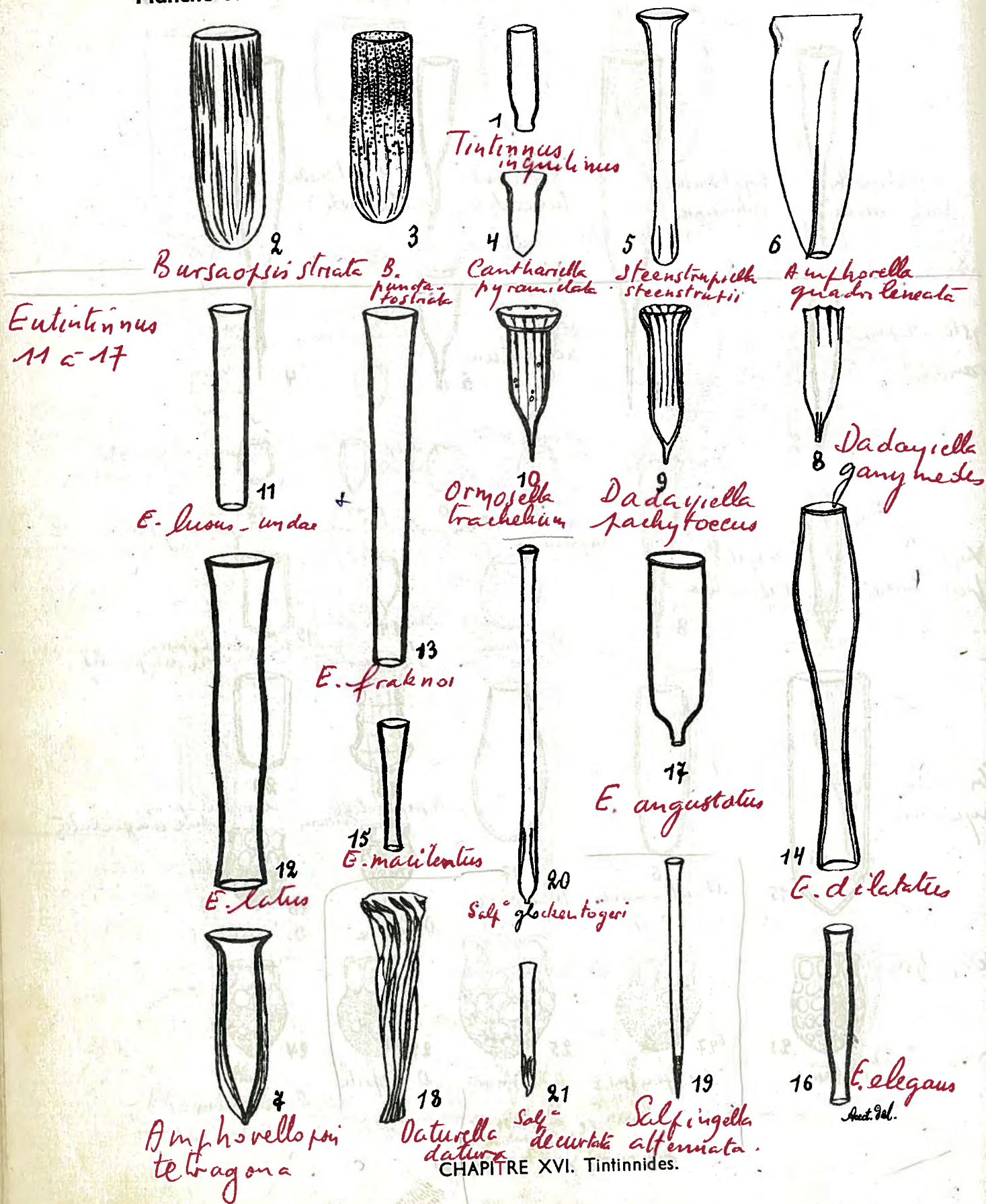
23
P. aculeata

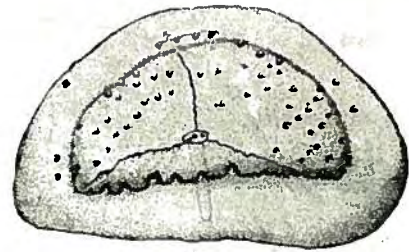
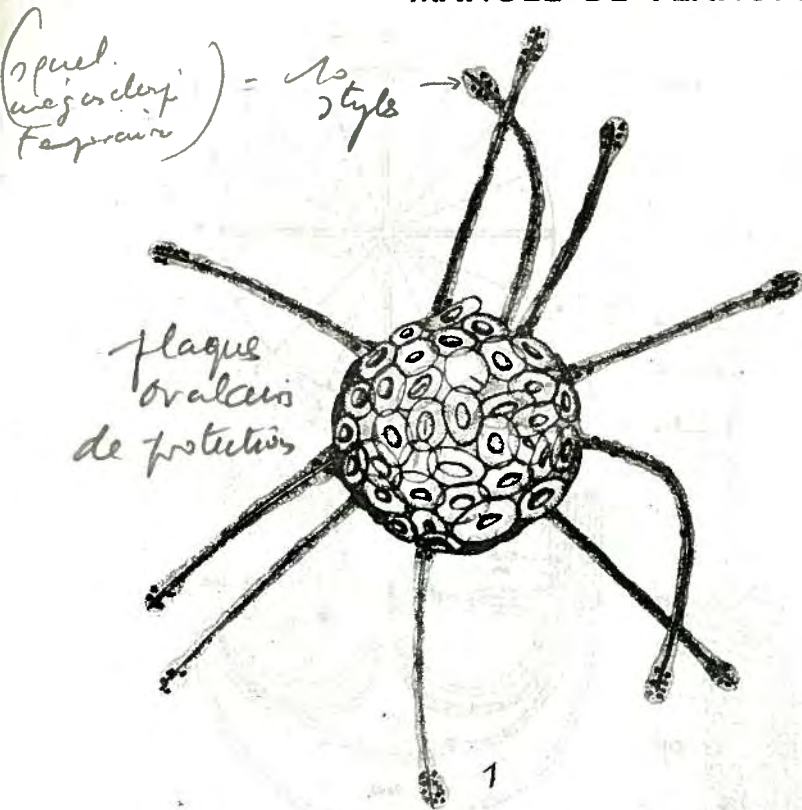


22
P. lohmanni

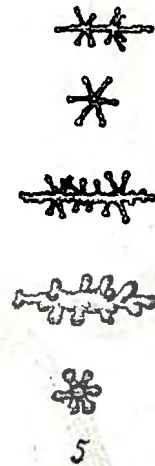
Aust. Rh.







3 Digestive tract
cyathiform of the
adult gemmule



syncytial
claviform.

(extr. dir
d'1 style)



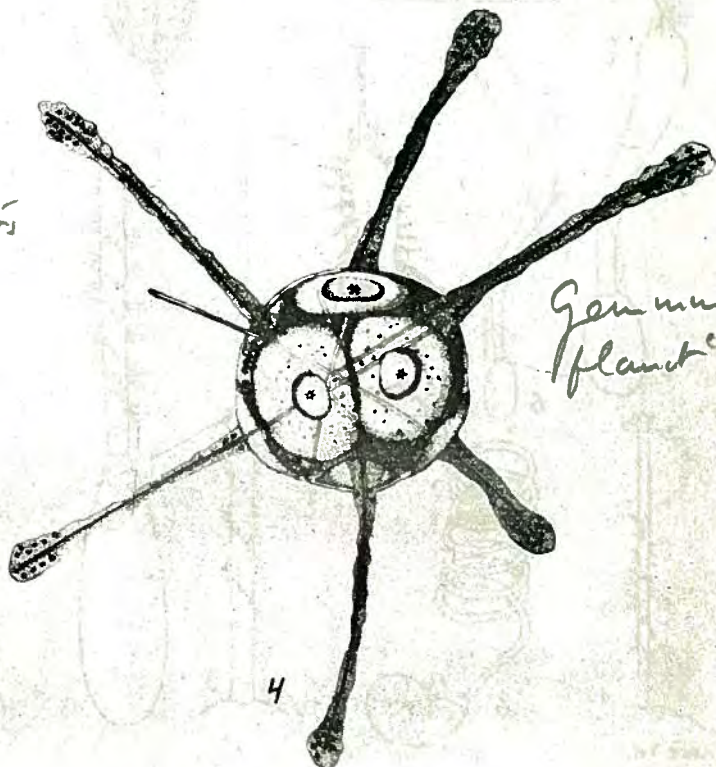
ul.
amphist.

future
gemma
apog.

6

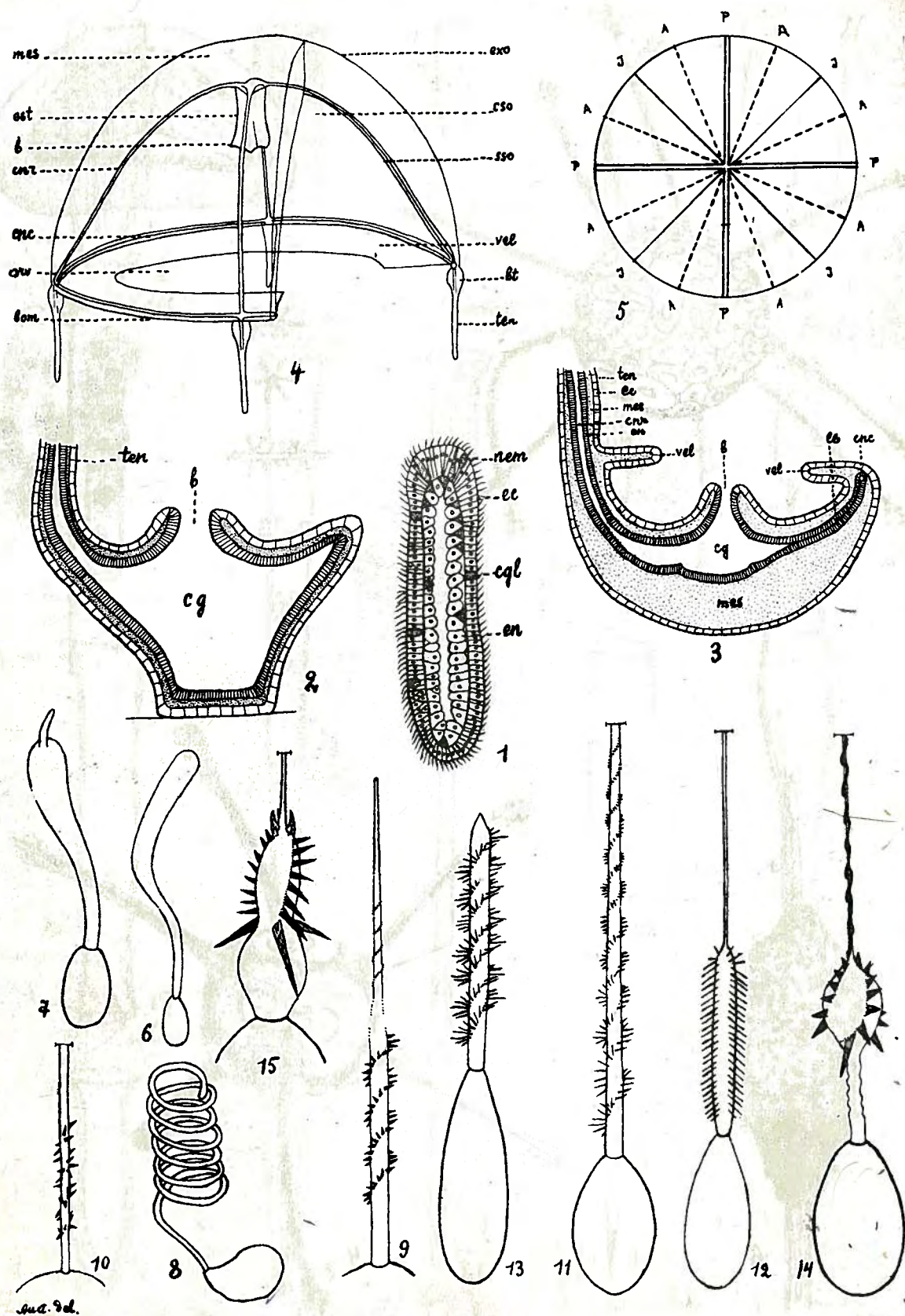
3 styles

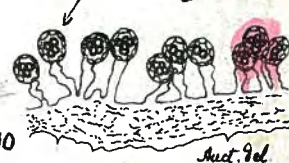
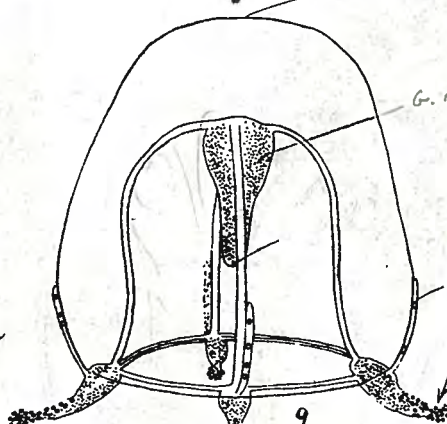
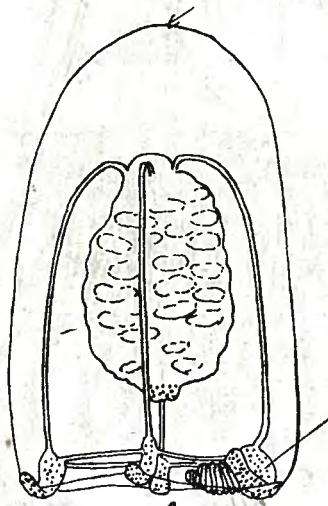
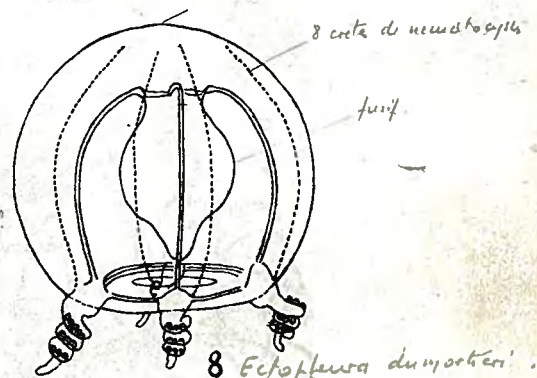
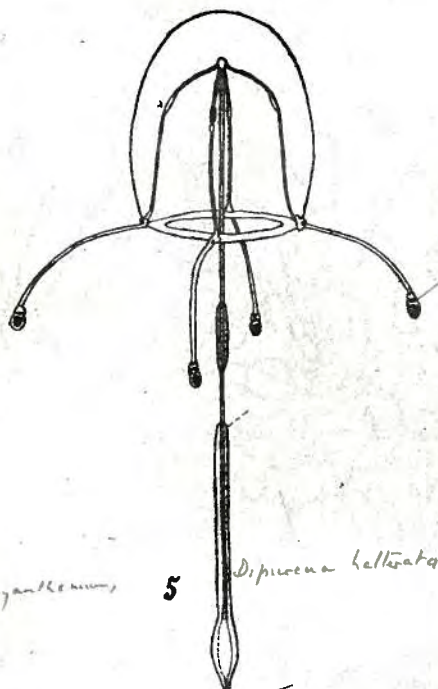
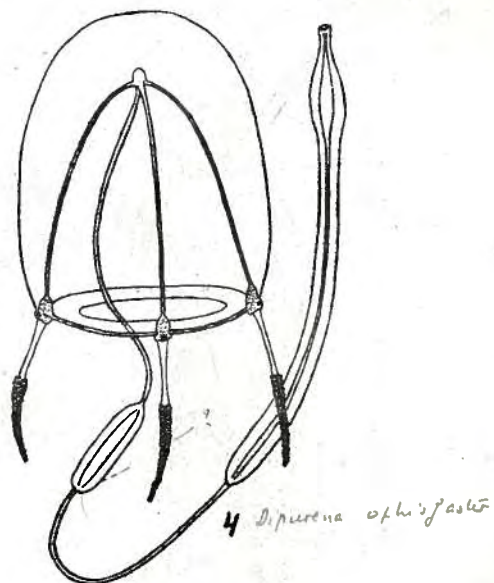
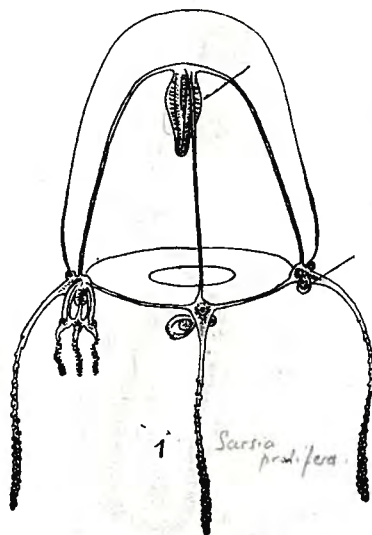
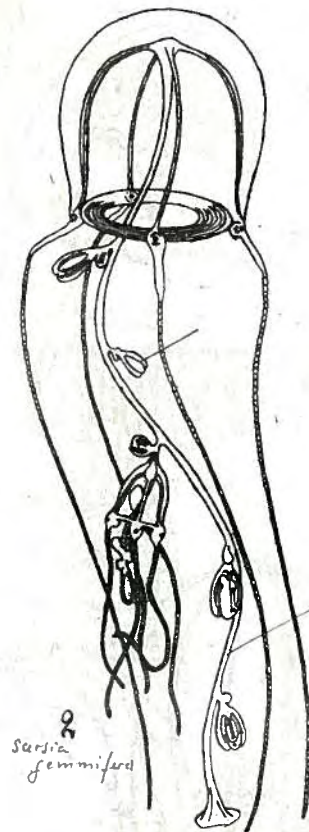
Aut. Del.



Gemmule
planct. adulte

4



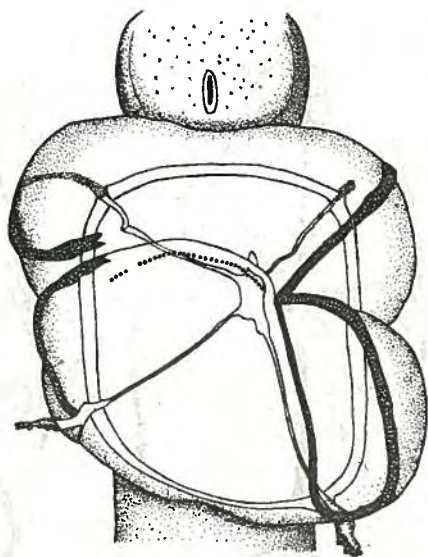


CHAPITRE XIX. Anthoméduses.

Hydr. — Anth. }
— Loph. }
— Trach. }
— Scyph. }

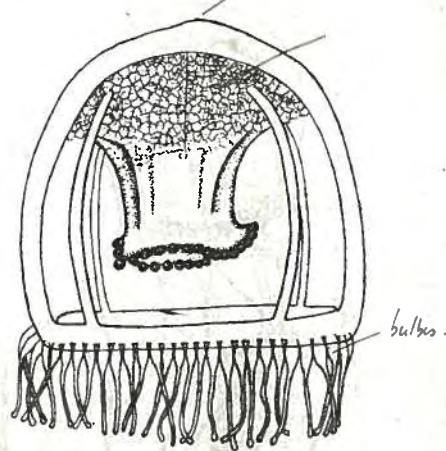


1



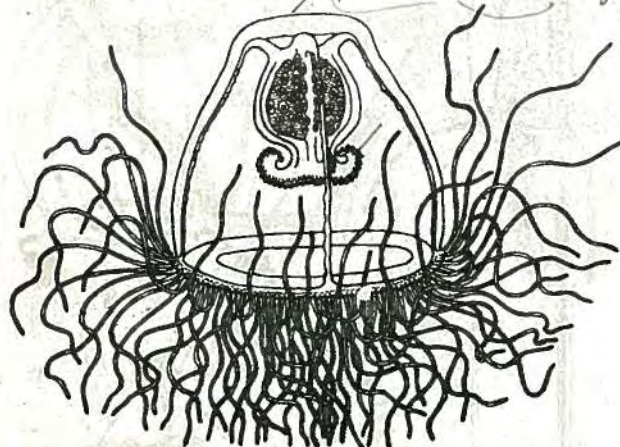
2

Maestla parvula
f. alata (= *Zanclus kargi*)

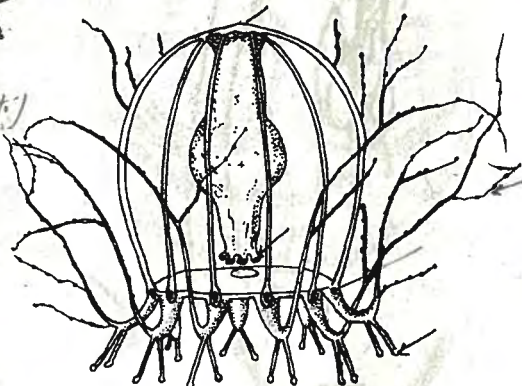


bulbus.

5 *Oceania occulta*
(= *Turntopsis nutrita*)



4 *Oceania armata*

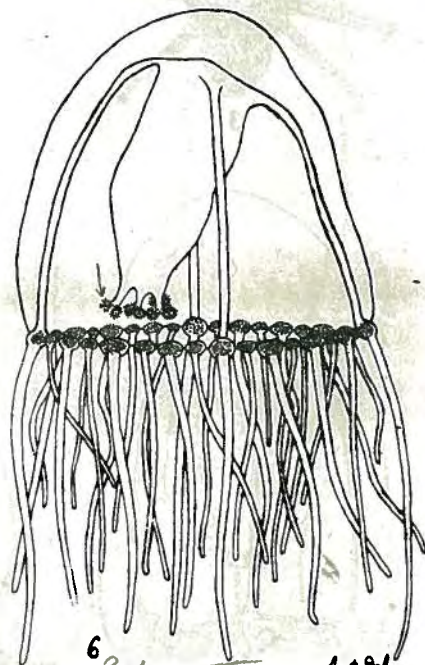


3 *Cladonia radiata*



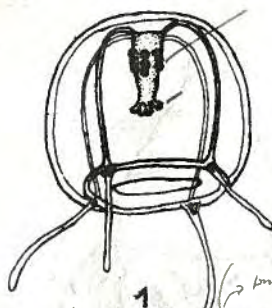
7

Podocoryne arcuata (Hertlaubi)
Hydractinia



6

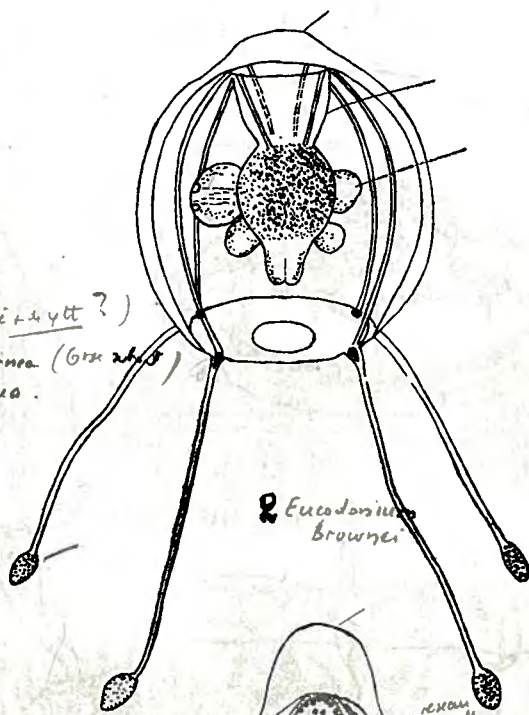
Podocoryne borealis Aut. Del.
Hydractinia ul. Hb.



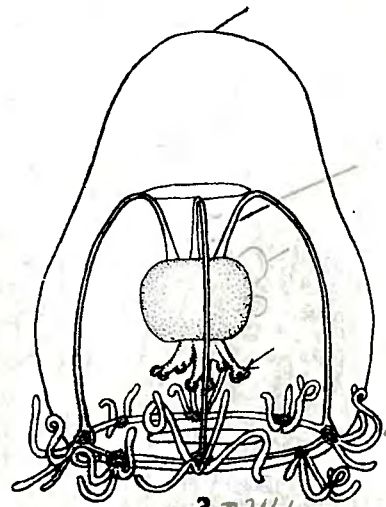
1 *Podocampus carnea* (forma exigua).



7 *Pandeia ovata* (b. in reseau complet).



2 *Eucodonia browni*.



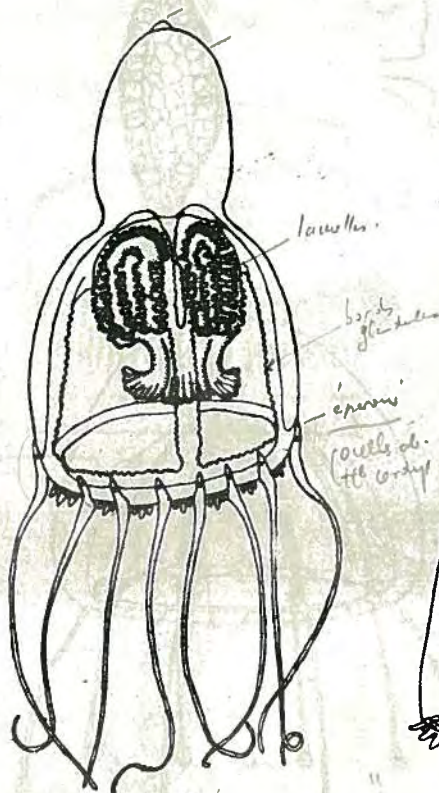
3 *Rathkea octopunctata* (sur un reseau complet).



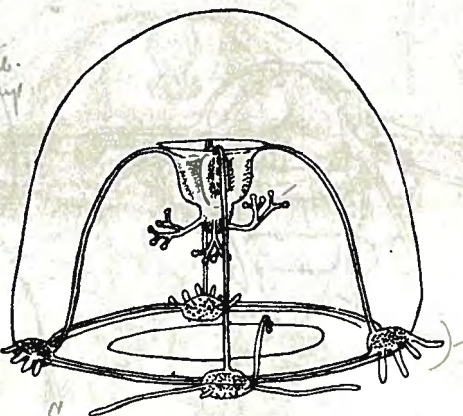
8 *Neothuria pileata*.



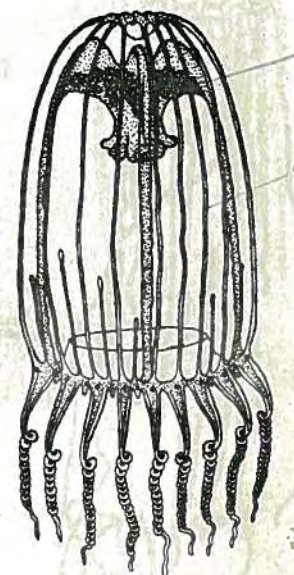
4 *Kollikeria fasciculata* (Rathkea).



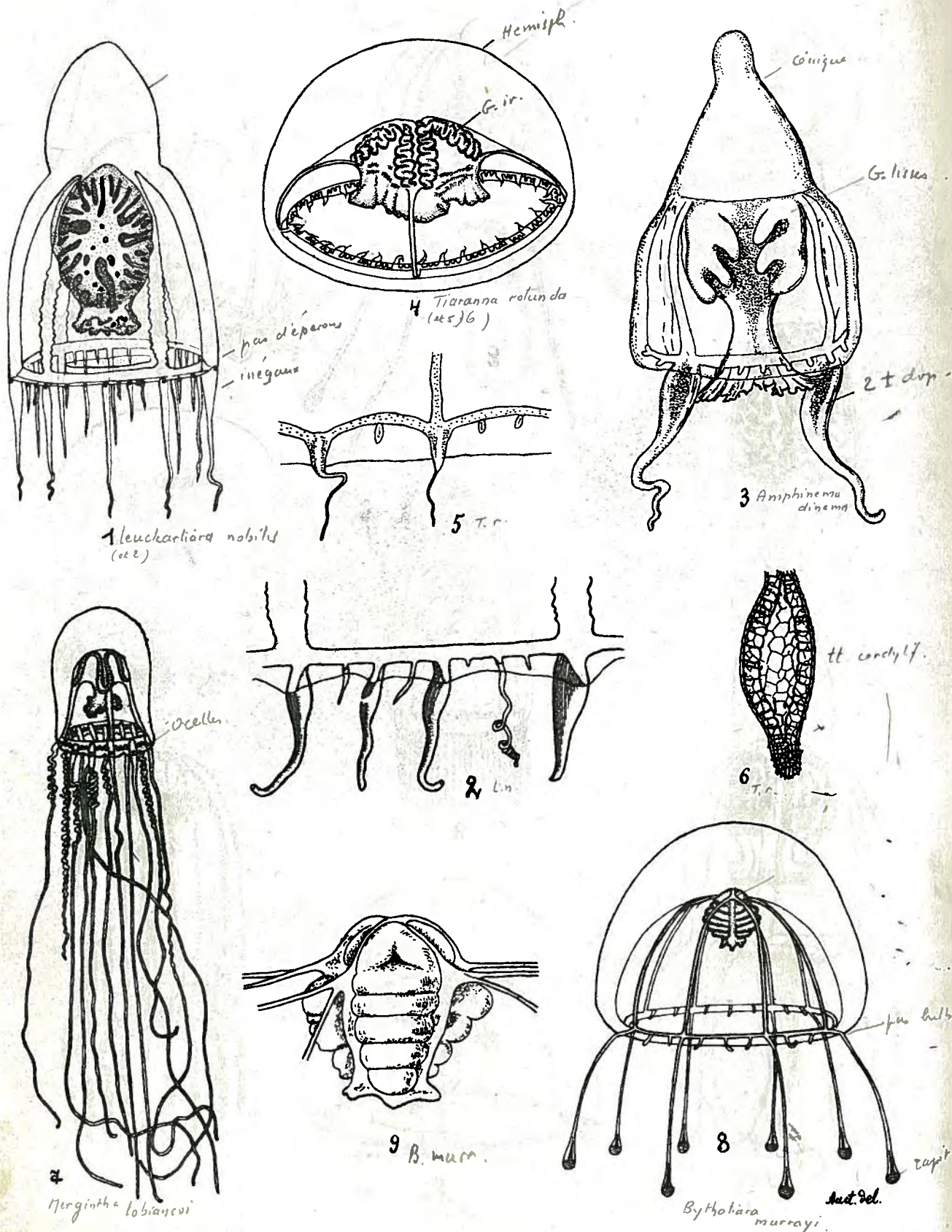
9 *Leuchardiopsis octona*.



5 *Bougainvillea rayosa*.

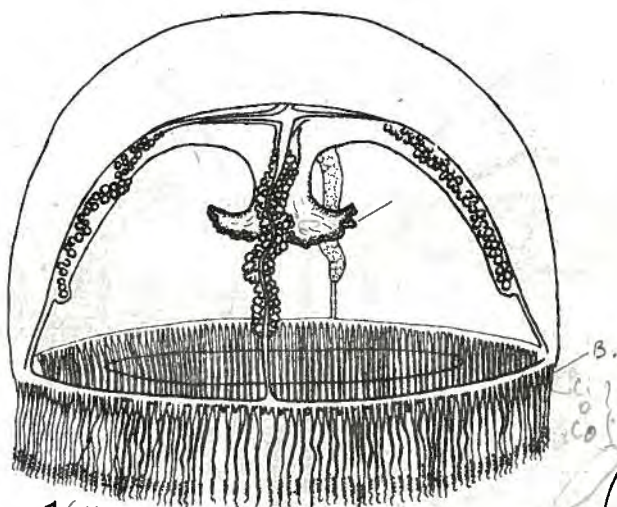


6 *Pandeia bamea*.





3 L.u.

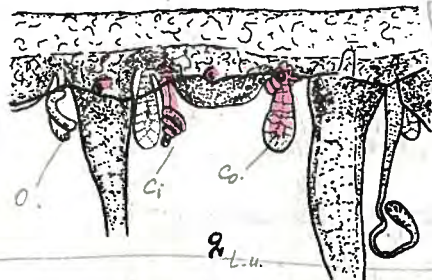


1 (64) *Laodicea undulata*.

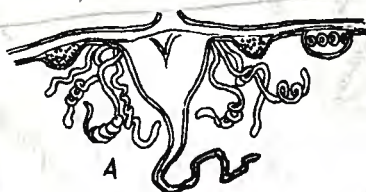


4 L.u.

F. laodicea
= canalicula.



2 L.u.

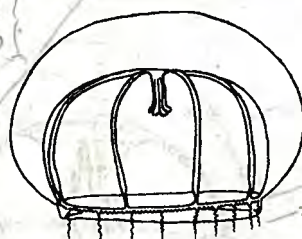


A



B

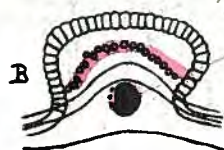
9 statocysts form



8 cr.

+ rud.
+ am. B.

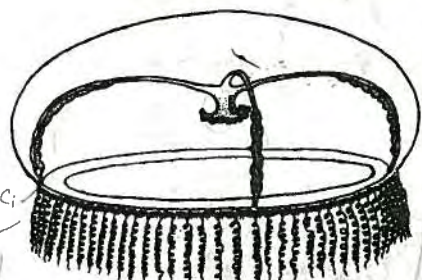
A *Octogonaster mediterraneus*.



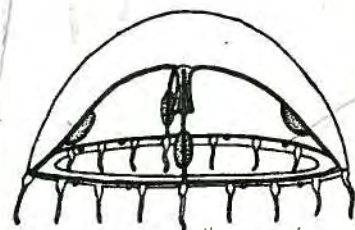
statocysts open.

7 O.m.

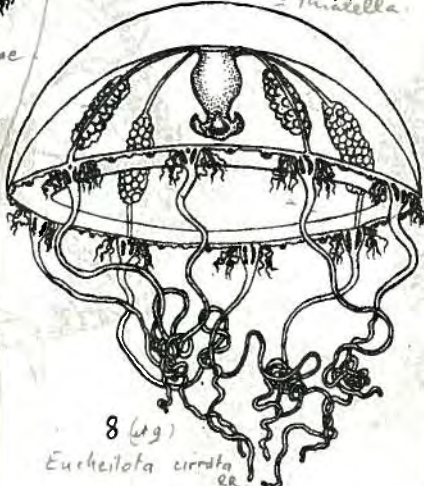
F. nitrocomidae



Nitrocoma annae
5 (66)



Hypsorophus quadratus R.H.
10
= *Phaeella*

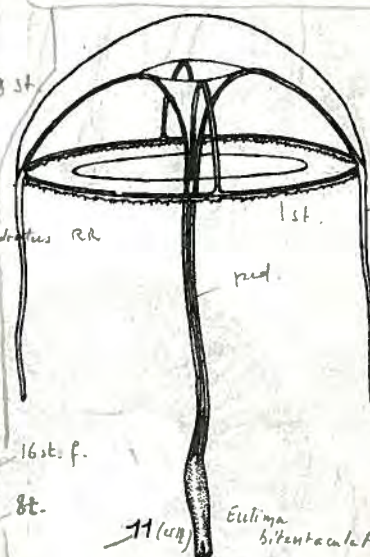


8 (49)

Eucheilota cincta R.H.

F. Eucheilotidae

CHAPITRE XX. Leptoméduses.



16 st. f.

1 st.

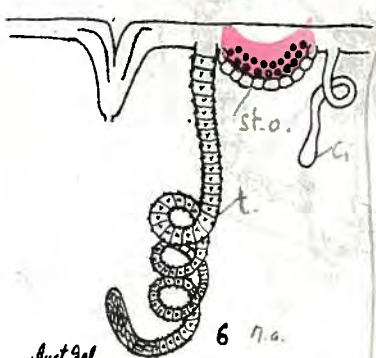
rud.

11 (49) *Eutima bidenticulata* R.H.
← lev. cut.



12

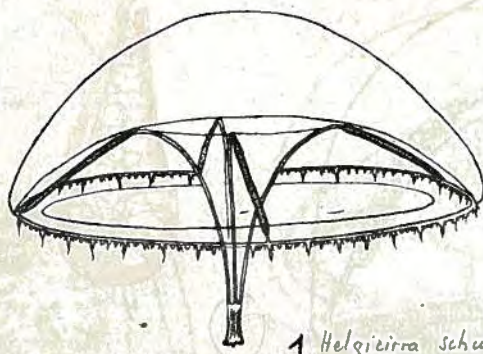
F. Eutimidae



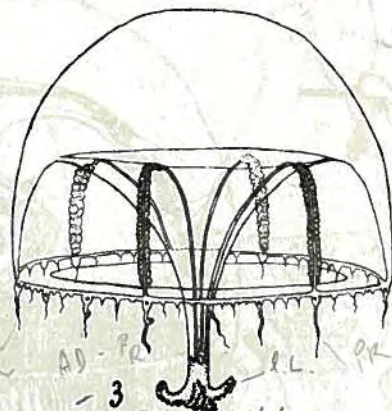
6 n.a.

Aureol.

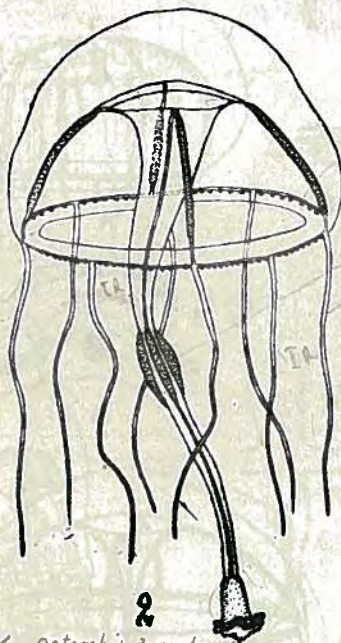
F. nitrocomidae



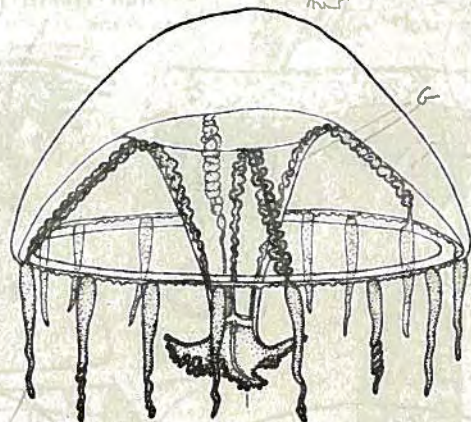
1 *Helgicirra schultzei*



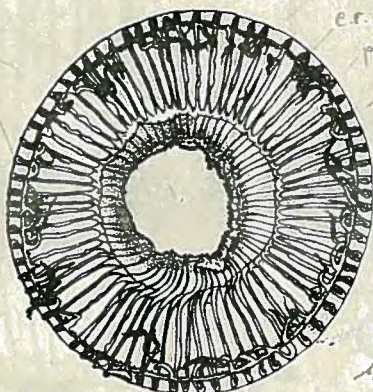
3 *Eirone viridula*



2 *Octorchis jagenbawi*

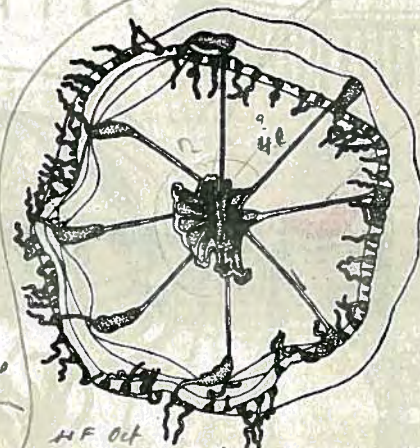


4 *Tima lucullana*



Auct. Pol.

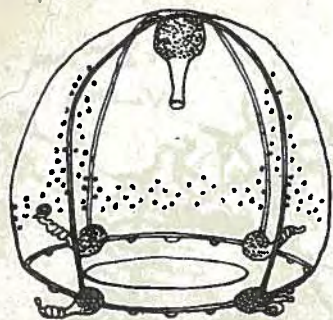
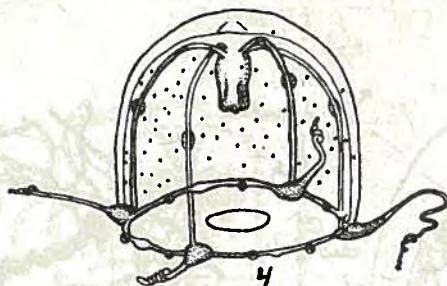
6 *Aquorea forskalea*



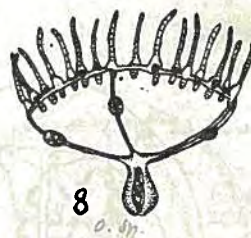
5 *Octocanna funicularia*

86 *Octothalucium funicularium*

	C. Rad.	Gon.	Levrs.	Ocell.	P.	n.
<i>Octocanna</i> + 1000	8	8	4	0	?	?
<i>Octocanna</i> Damon 1932	8	8tt		8 o. as	9	
<i>Octothalucium</i> Kra. 1855	8 ⁺		8	0	+	

1 *Clytia noliiformis*

4



8

O. sp.

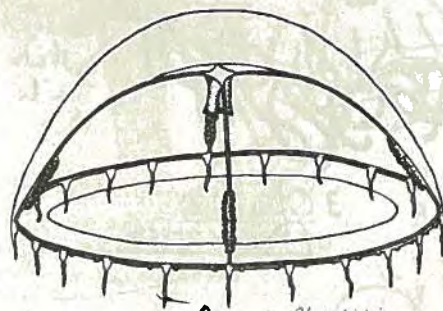


6



10

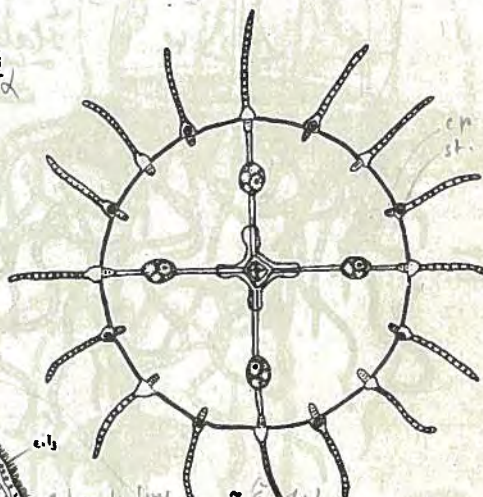
O. sp.



2

Phialidium hemiphaedricum

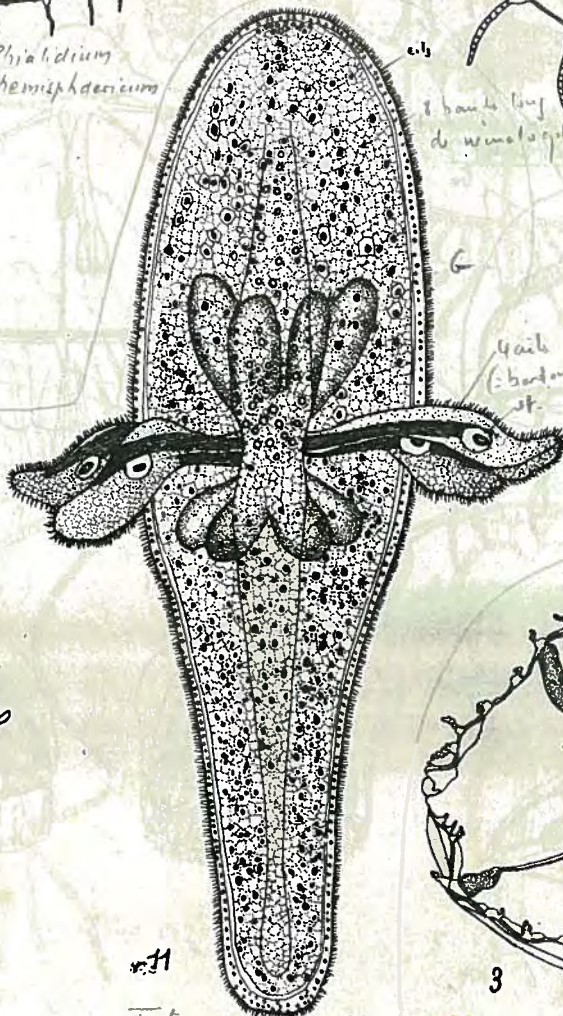
5



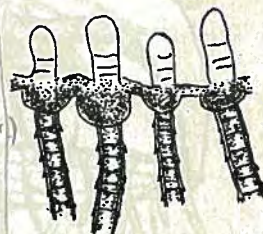
7

Obelia sp.

8 bande long de nematocystes

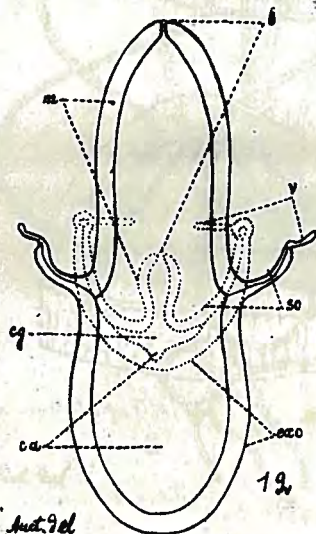


11

Tetractylidium solitarium

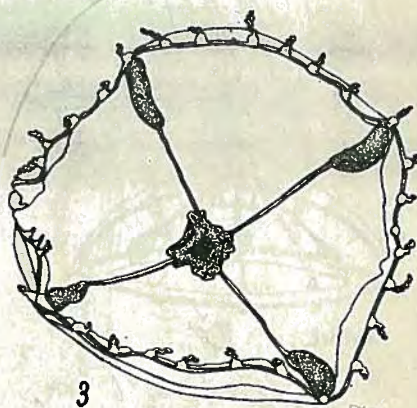
9

O. sp.



12

Aut. 9d

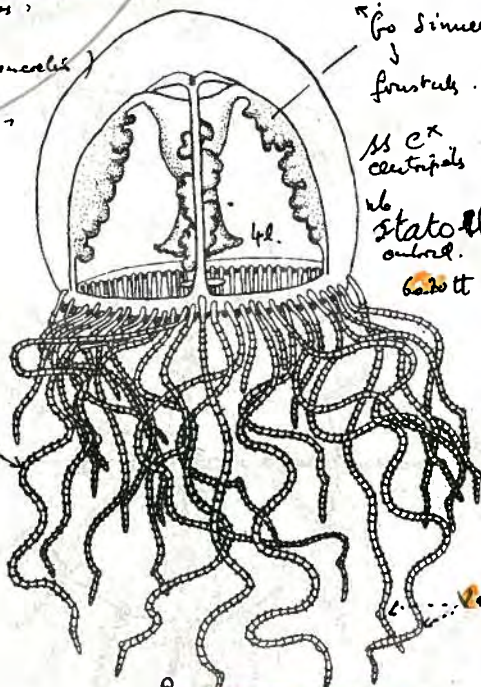


3

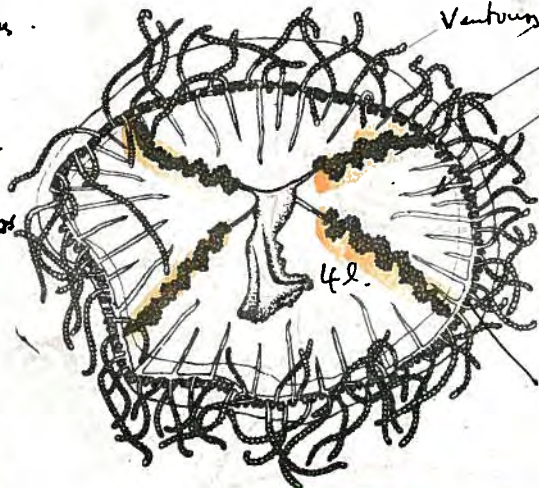
Sacohimena maverensis

- Tt ~~ave~~ ventouses
- 15. 80 et -
- 16 stato (+ 1 concal)
- bog ? +
- Gonads locales dist
- Polype solitari
- 15 Tt.
- frustule

Ambrane
Nematob.



Go sinués.
frustule.
ss ex
centrifels
Nb stato
lles
ombel.
Gobott.

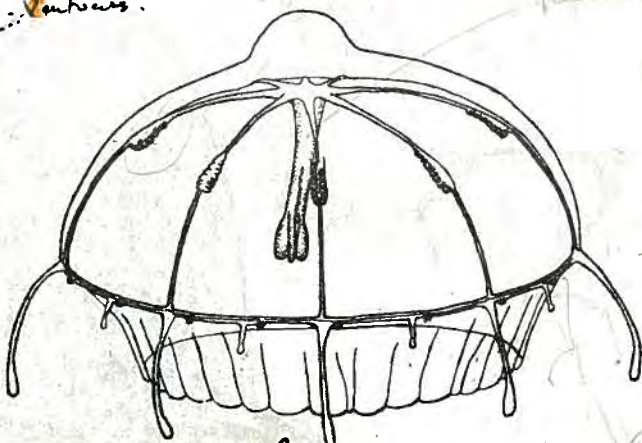


3 Olindias
phosphorica

2 Gonionemus
vertens



Tt sans
ventouses



6 Rhopalomena velatum

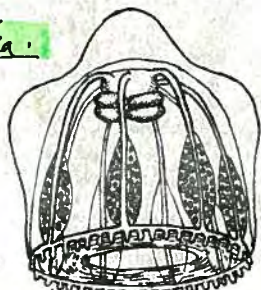
1 Odessia nesiatica

forma maris

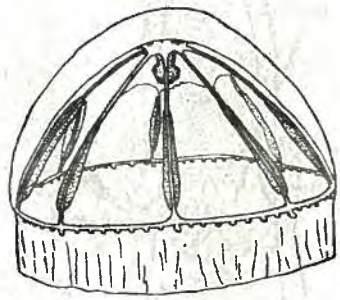


dist. vel.

4 Smintthes
eurygaster



5 Pantachogon militare

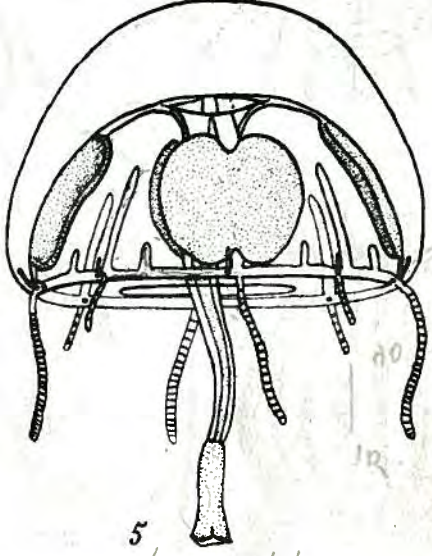
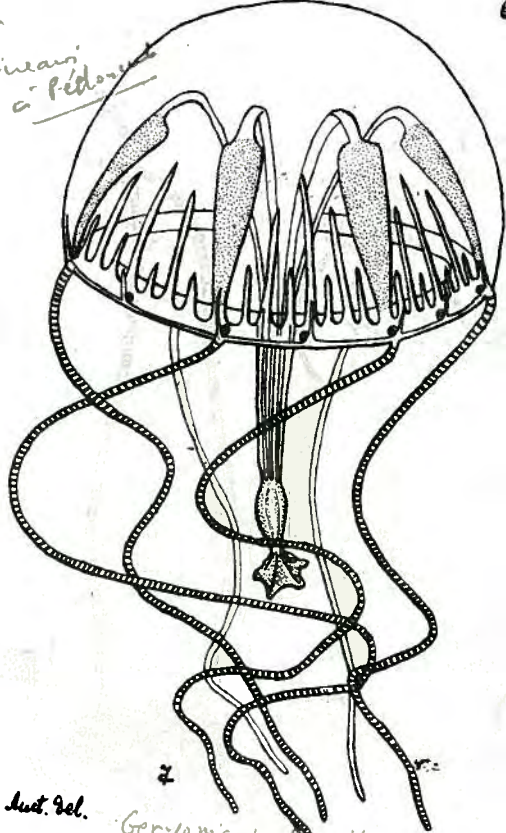
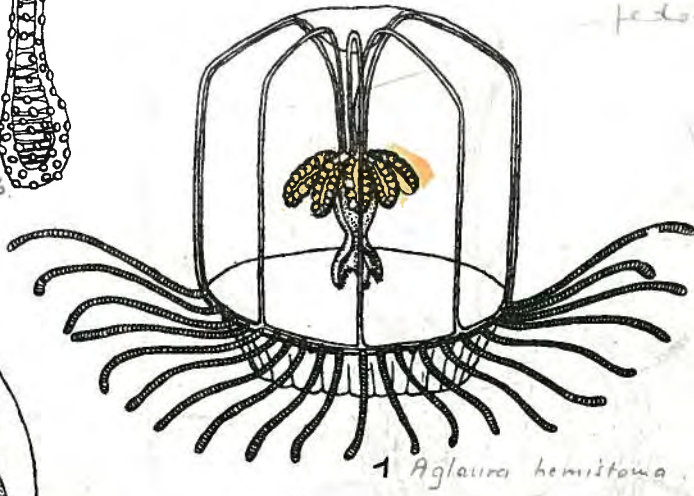
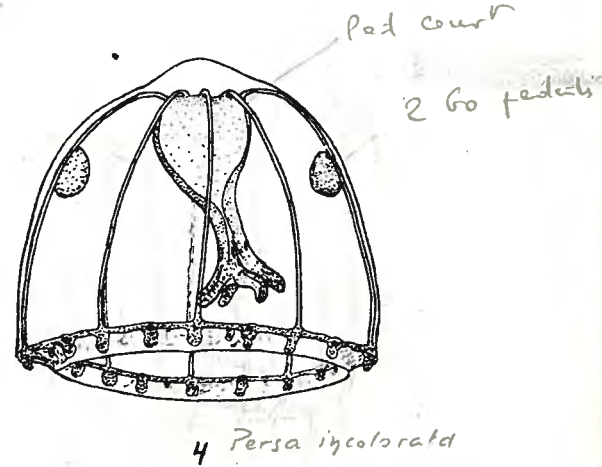
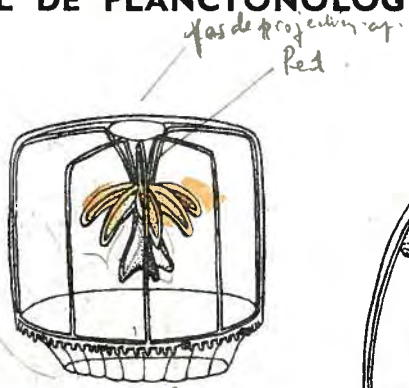
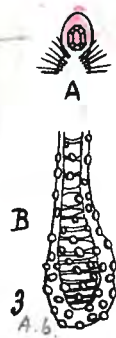
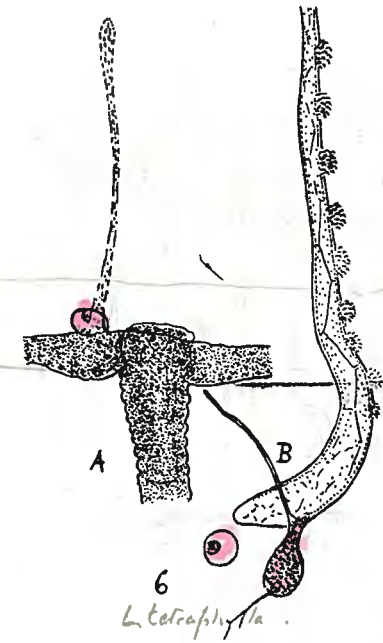


7 Rhopalomena funeraria

Smintthes (Clemens)

- Sans Ped
- Gonad globul atj au Nb
- Ex ombre liss
- 814 id.

flanth.
- Pet
- 60 pectacles à l'apex (40 ou 60)
amsonia
- Pet
- 60 linéaires
attachés à pectacles

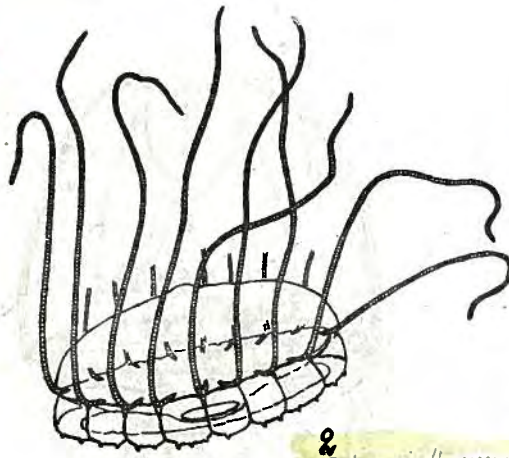


pas de lobes
stomacal

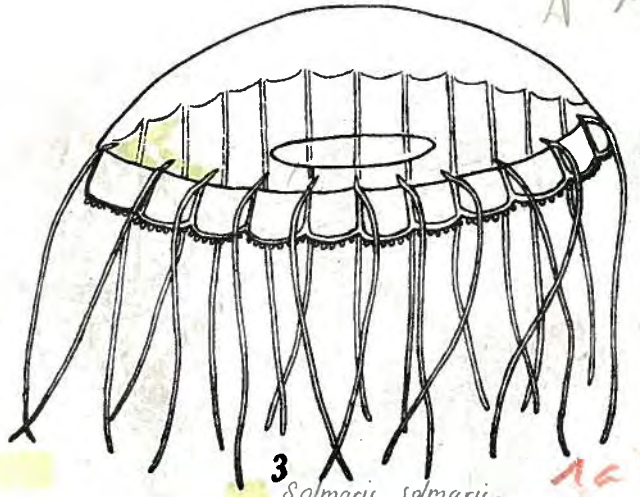
Solmaridae

- sans pichen
stom. persph

→ otocorpes
absent

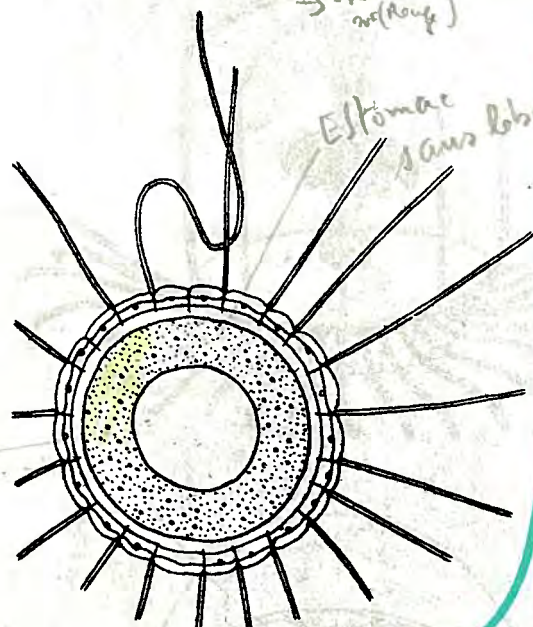


2 *Solmaris flavescens*
→ Acan (rouge)



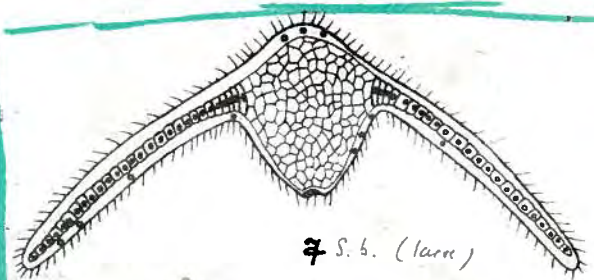
3 *Solmaris solmaris*

1020
R

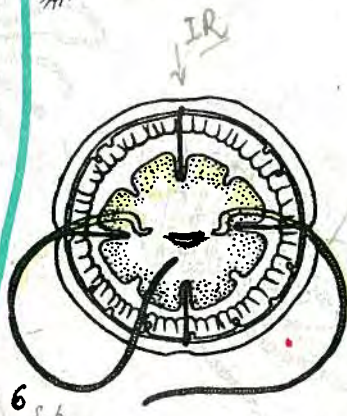


1 *Solmaris leucostyla*

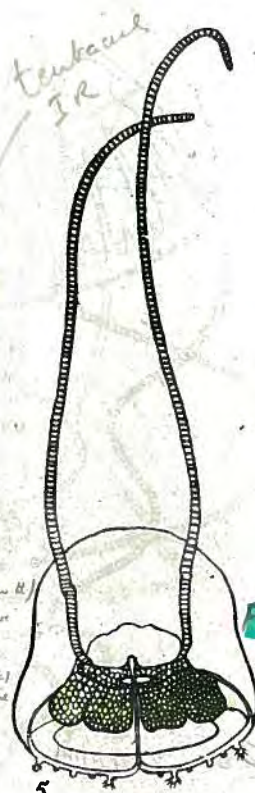
Estomac
sans lobes



7 S.b. (larve)



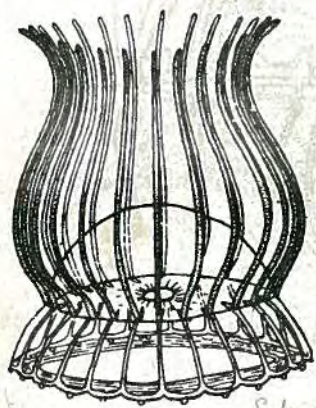
6 S.b.



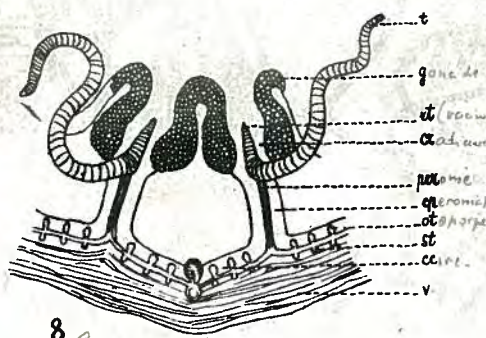
5 *Salmundella bitentaculata*
Auct. rel.
rare mediterranean

Agonistidae

Avec p.
lobes
pas de lobes
stom.



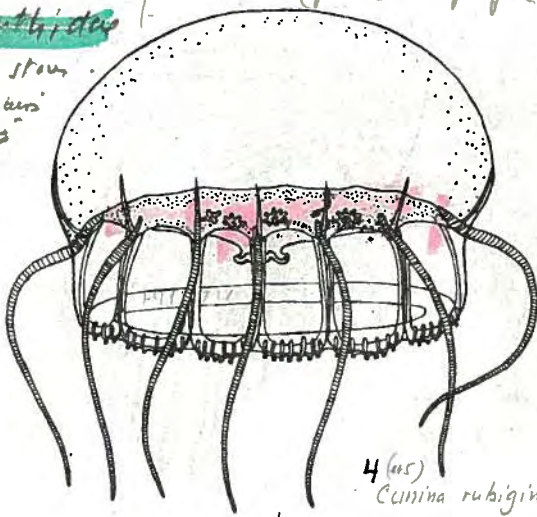
4 *Solmaris corona*



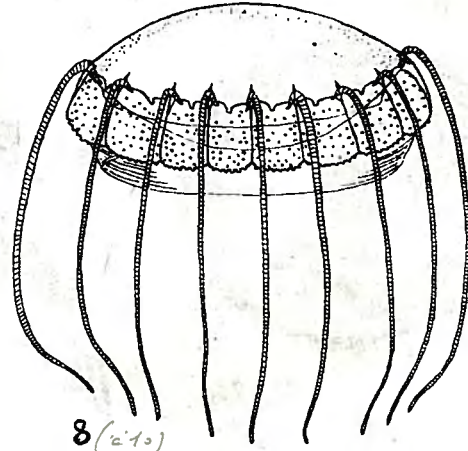
8 *Cinoctantha polygonia*

F. Ctenophores

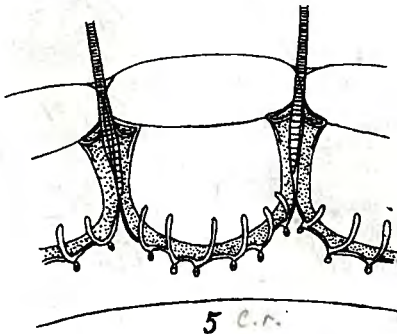
Avec poche stom.
perforée
entière



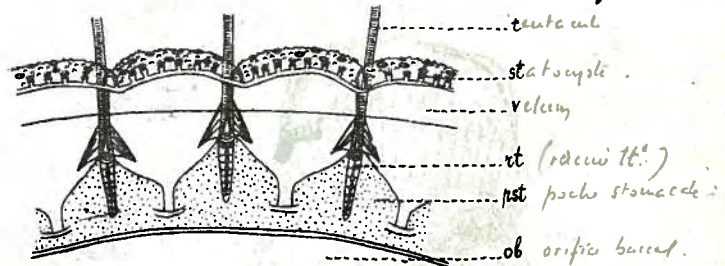
4 (us)
Cumina rubiginosa



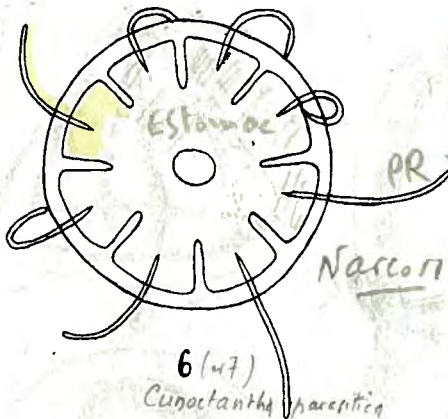
8 (240)
Salminus albescens



5 C.R.



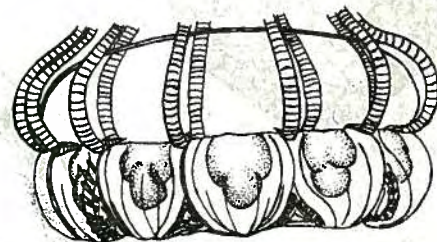
9 (S.a.)



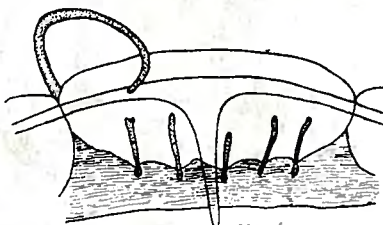
6 (47)
Cuscutanthus parvulus



10 (S.a.)



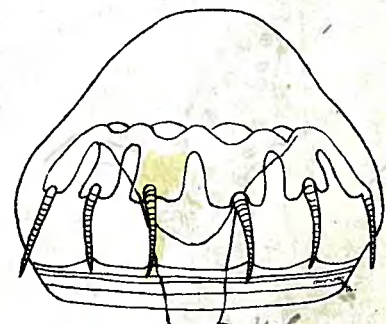
1 *Pegantha triloba* (L. cyanostylis)
(us)



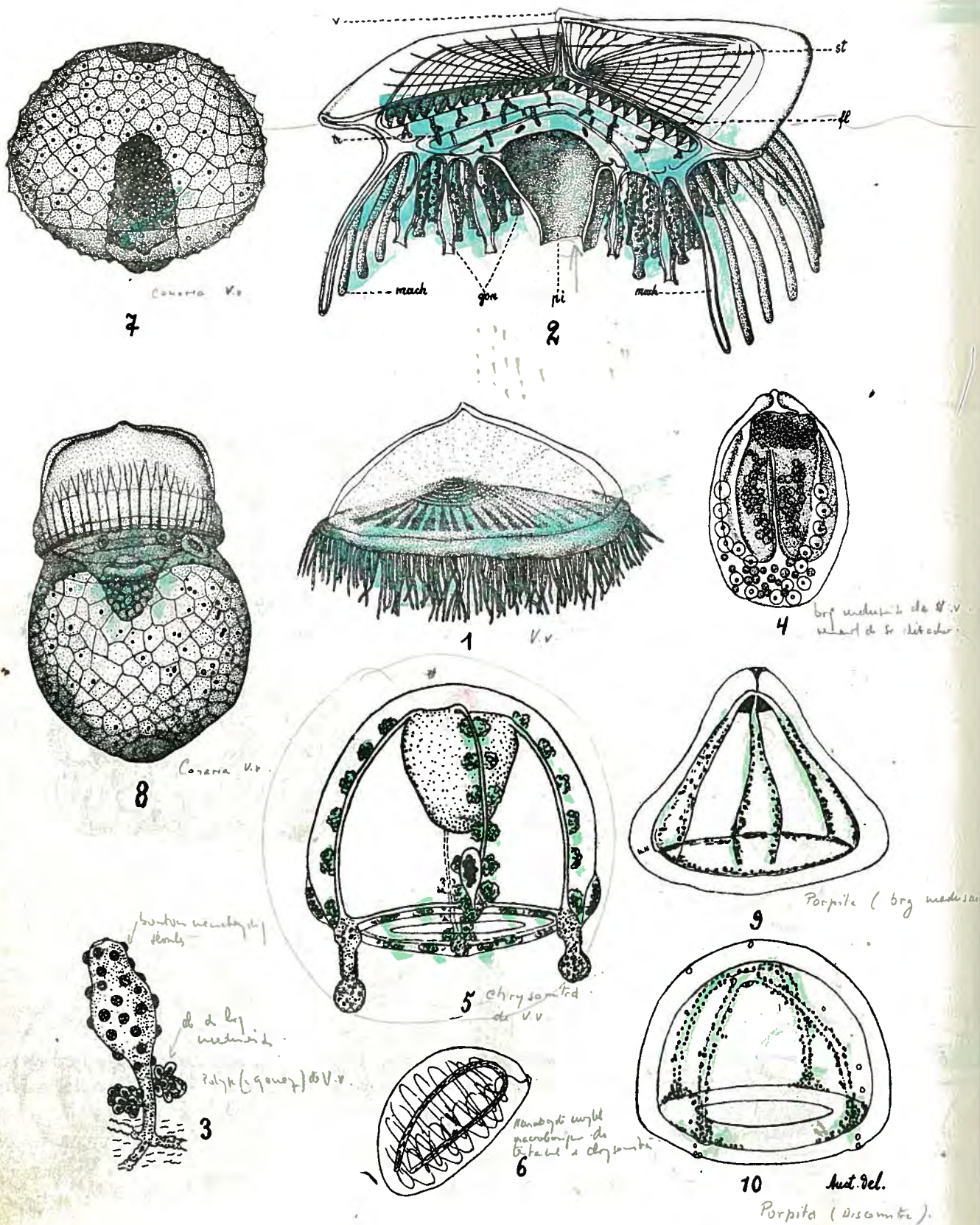
7 (C.p.)
Aut. vel.

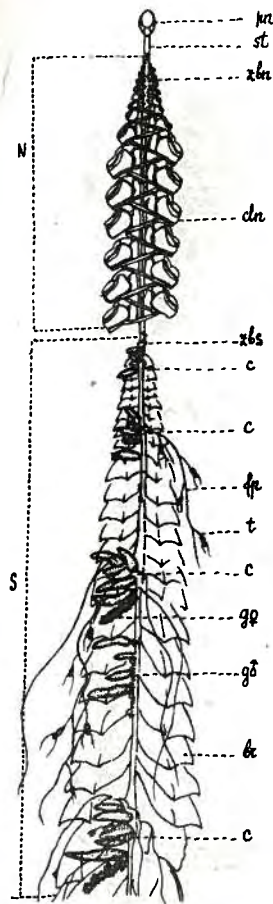


2 P.tr.

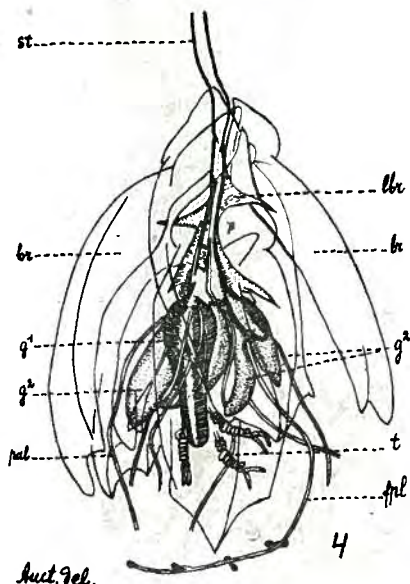
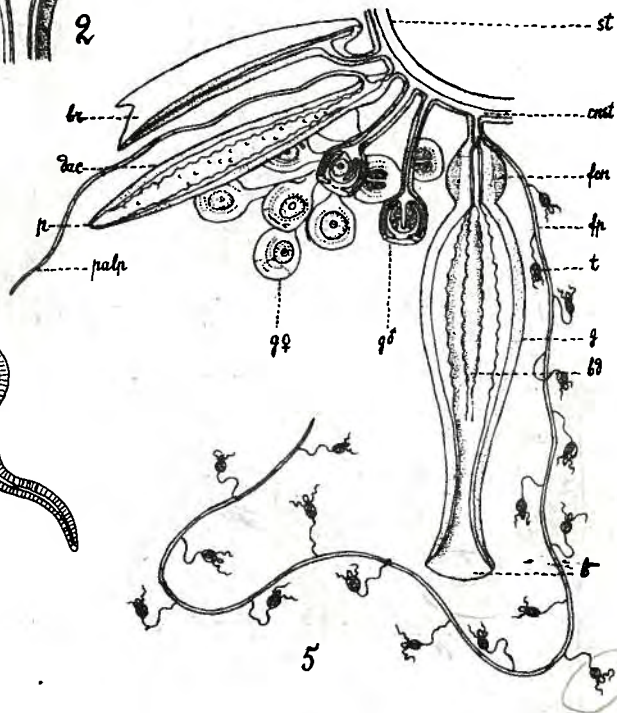
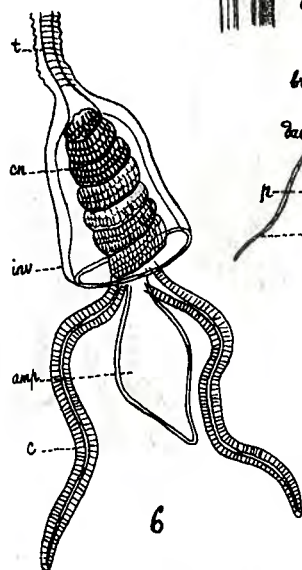
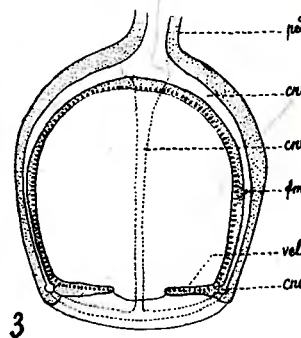
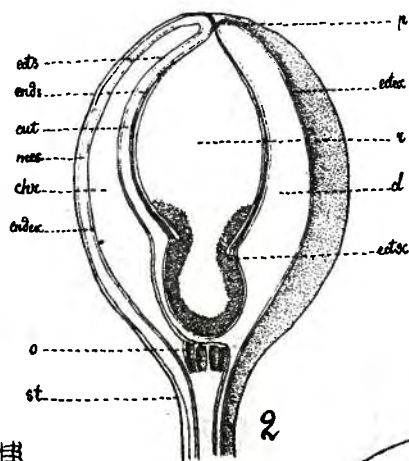


3 *Cumina vitrea*

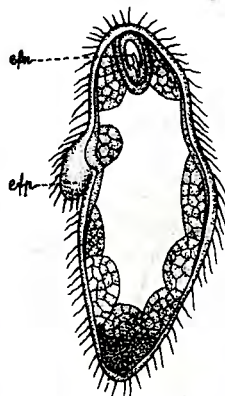




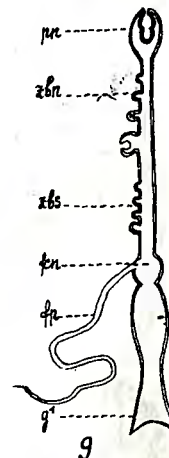
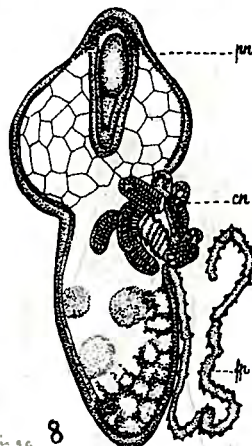
1 (c-6)
Siph. Physanocis



Aust. vel.

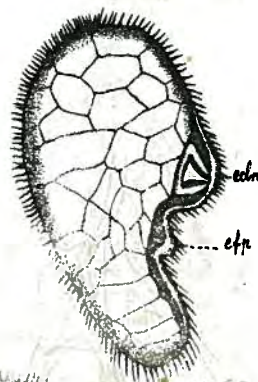
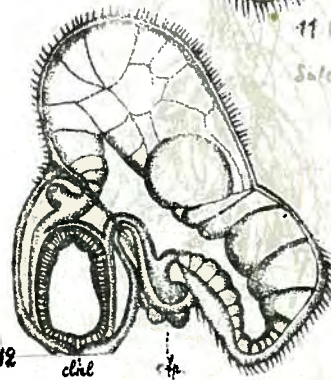
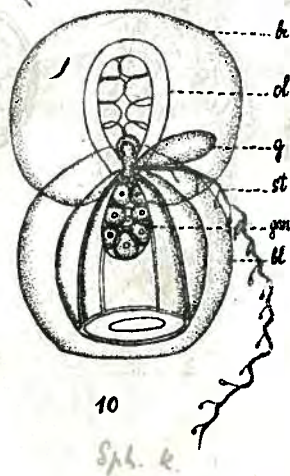
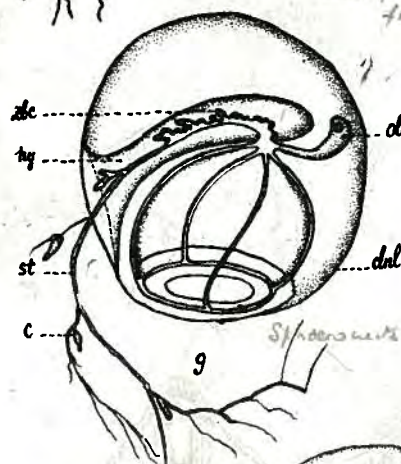
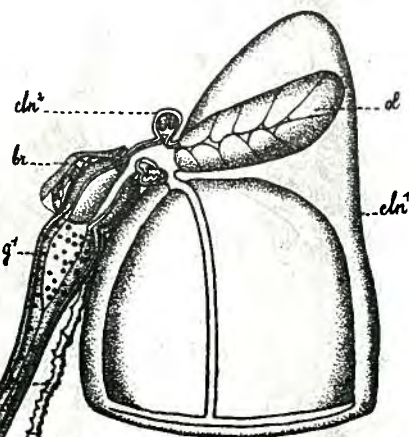
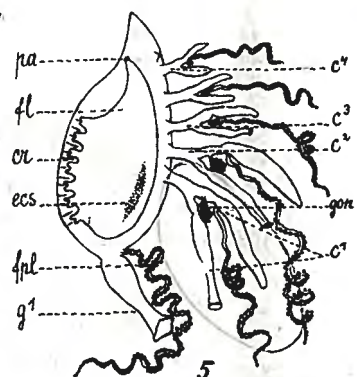
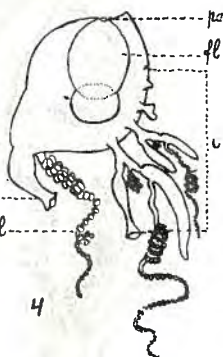
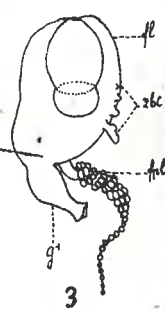


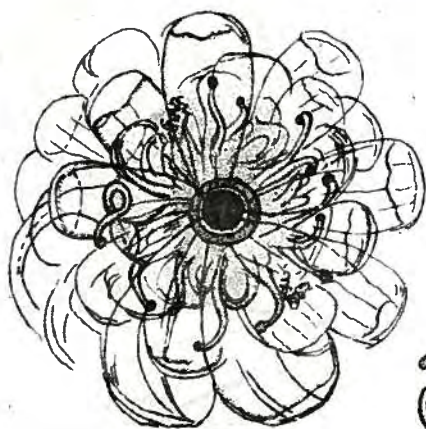
7 Nanomia bijuga



9

Physalie





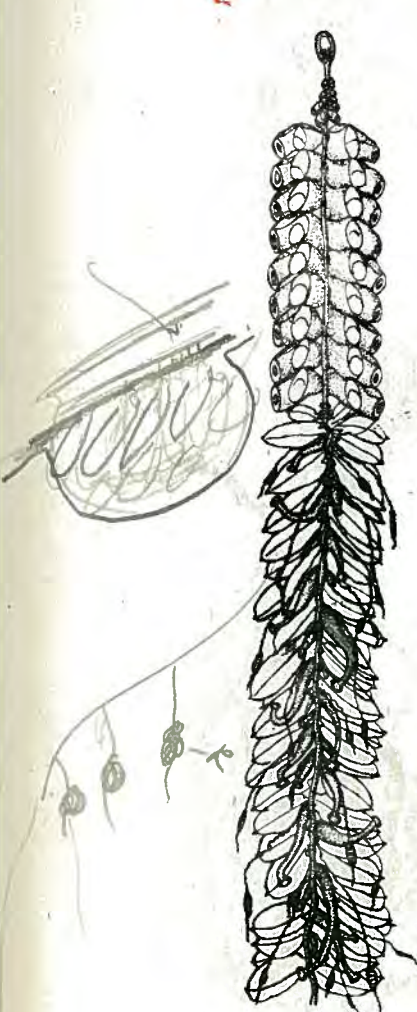
1
Athorybia rosea.



2
Physalia physalis.



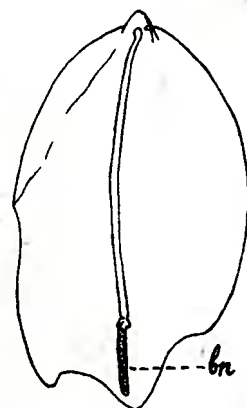
3



Aut. Del. 6 (x8)
Halistemma rubrum.



8



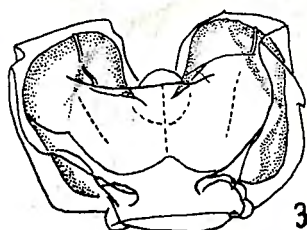
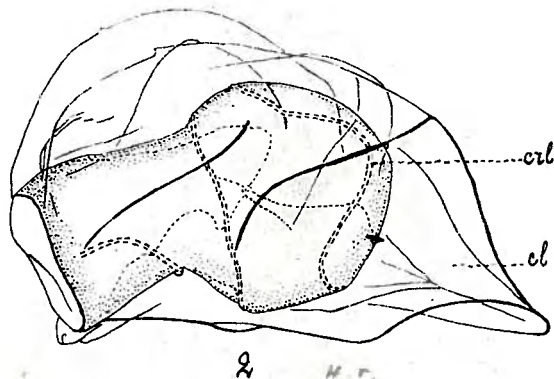
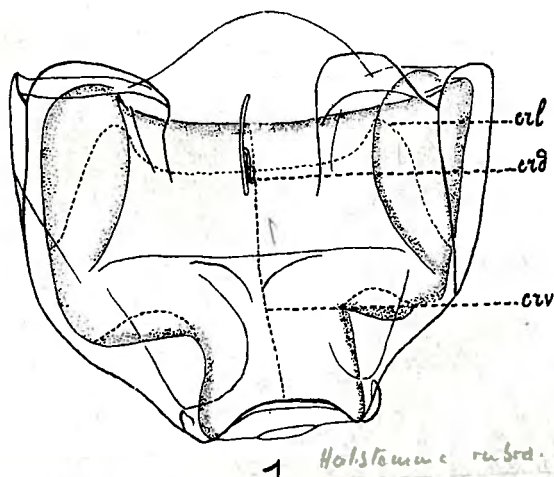
7



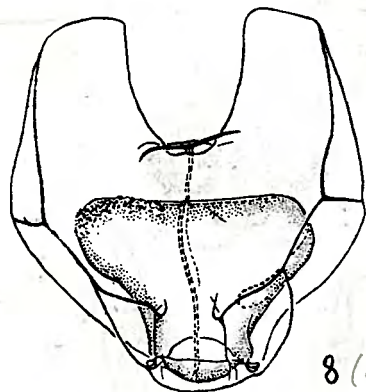
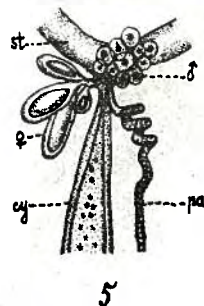
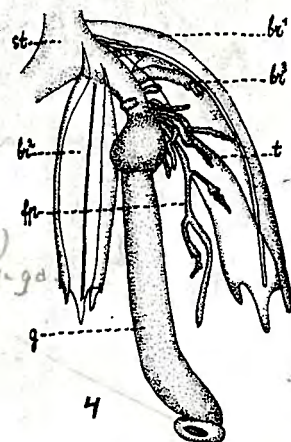
4



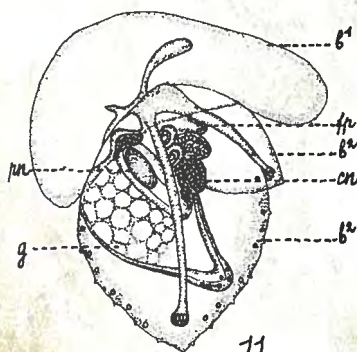
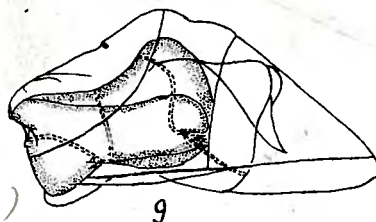
5



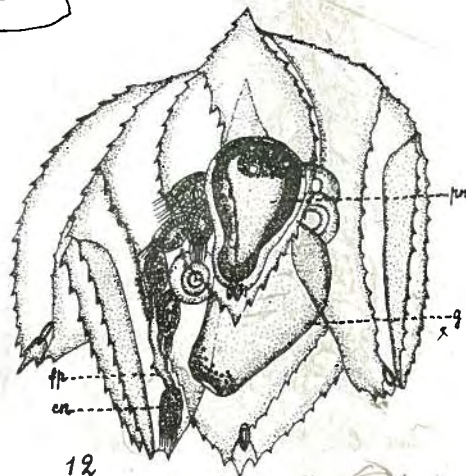
Nanomia bijuga

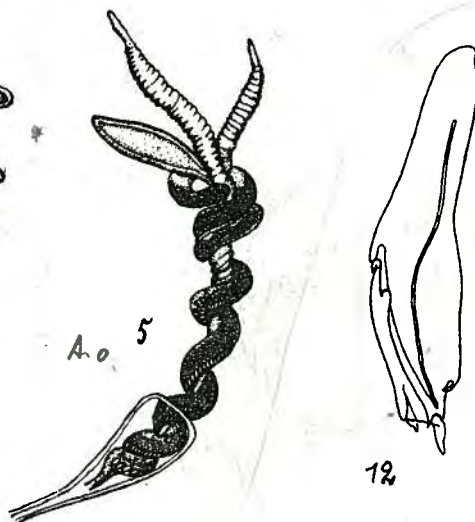
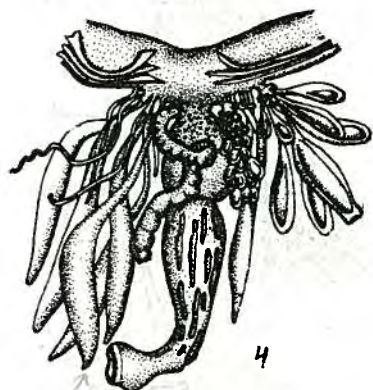
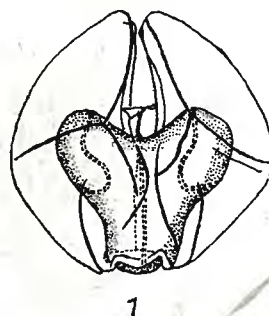
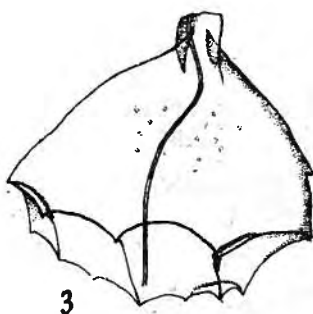
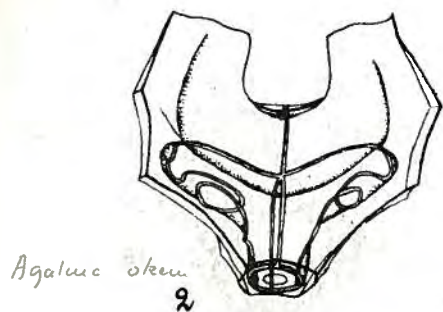


Agalma elegans



Aust. Del.

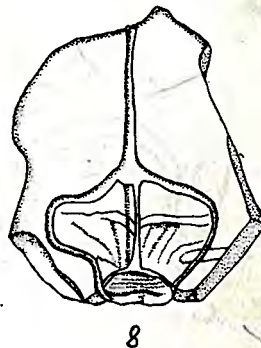
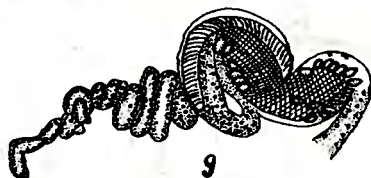




doctyl. / m. b. s.



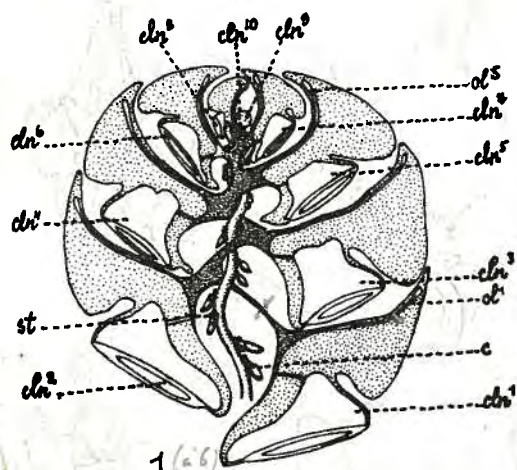
Apolemie uvaria.



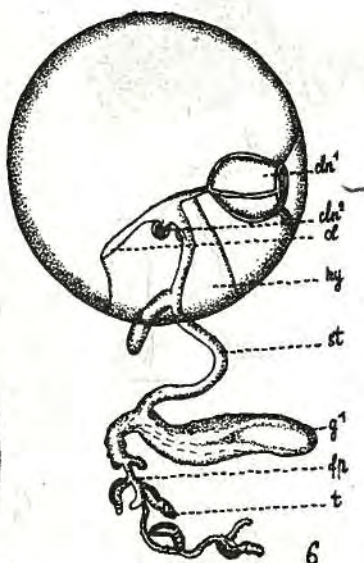
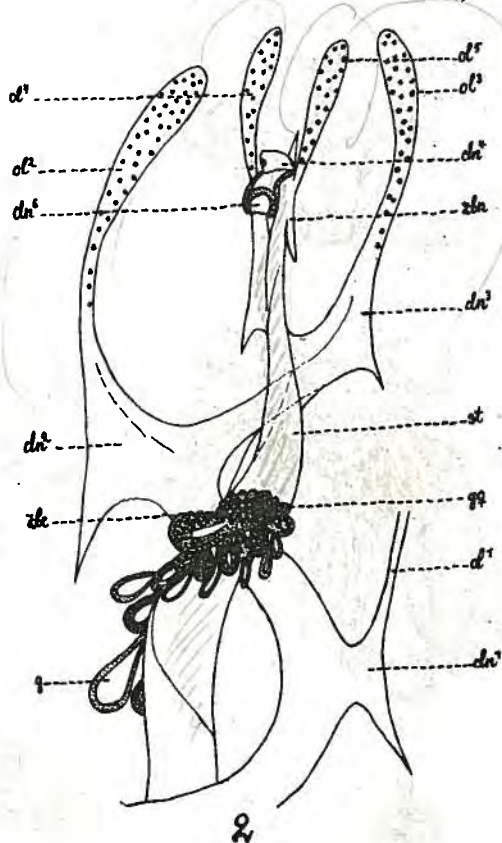
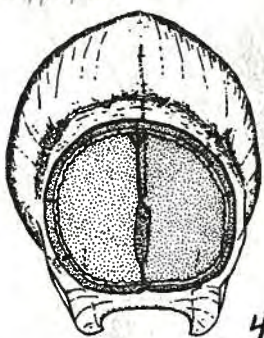
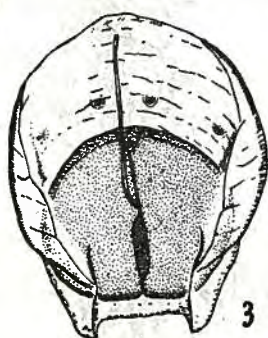
Aut. 9el. 7 (c. 9)

Forstelia guttata.

Forstelia edwardsii

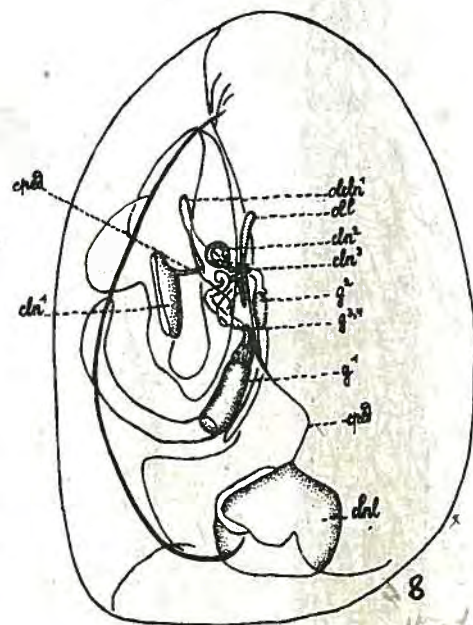


Hippopodius hippopus.

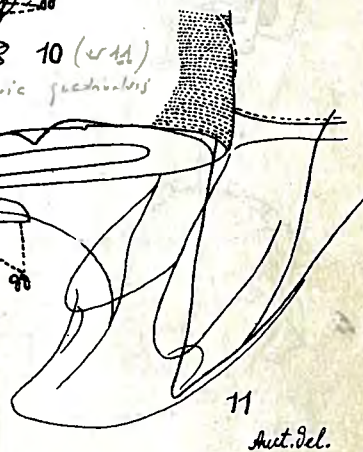
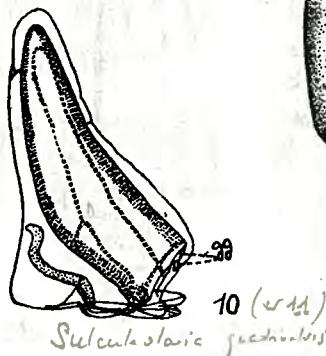
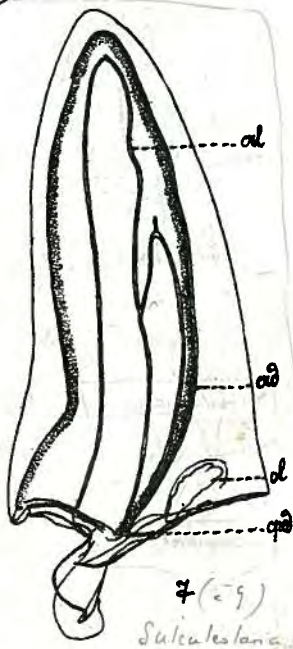
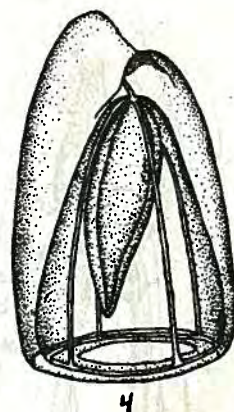
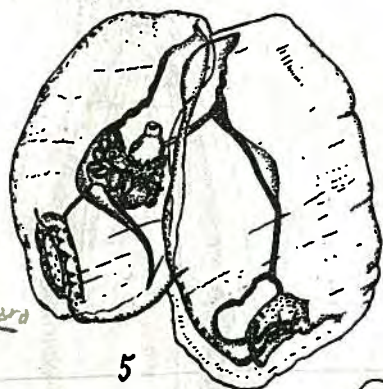
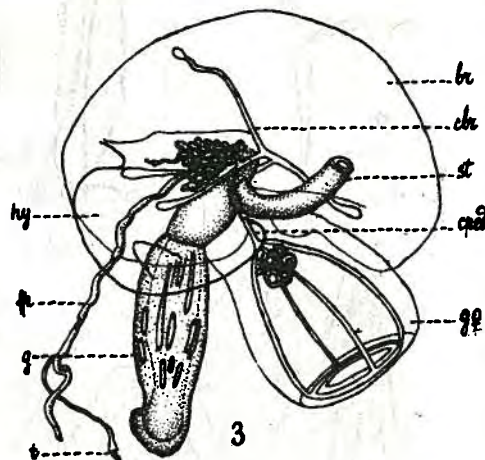
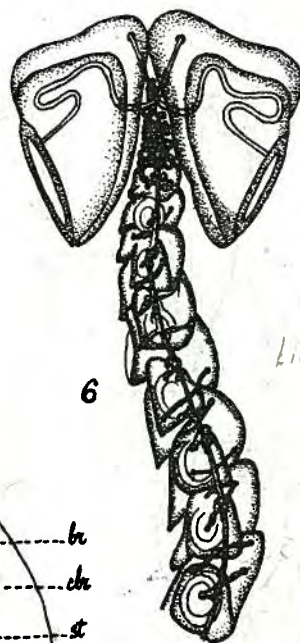
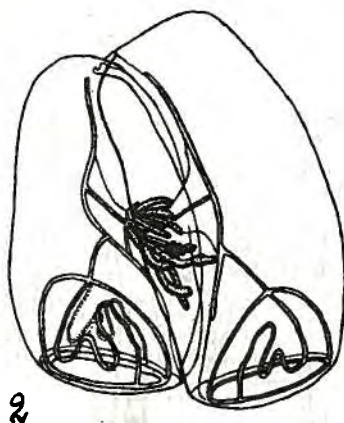
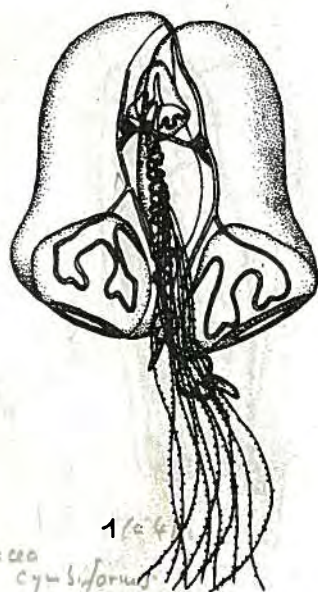


Ant. Del.

Urogia globosa
(25 μ)



Urogia globosa
(mont. laur)





1

Sulcularia turgida



2



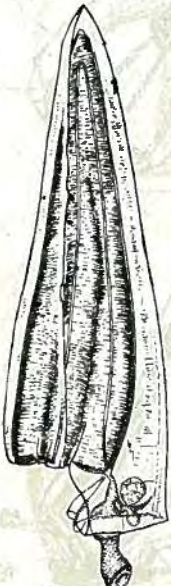
3 (c.s.) *Leusia*
Gnoidea



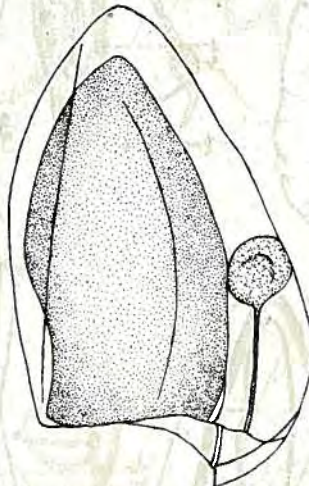
4



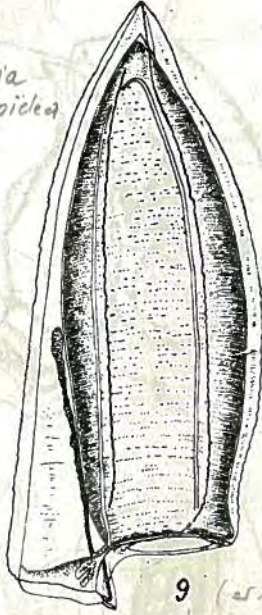
5



6 *Leusia fowleri*



7 *Leusia subtilis*



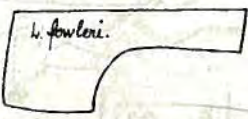
9 (c.s.)

Leusia multicristata

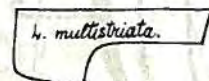


Sulc. vel.

10



h. fowleri.



h. multicristata.

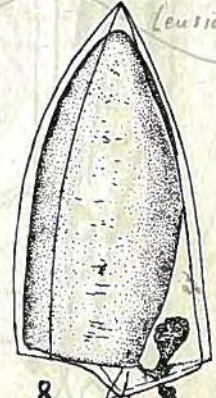


h. conoidea.



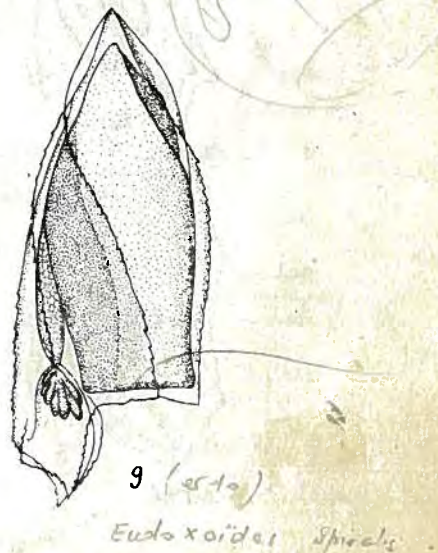
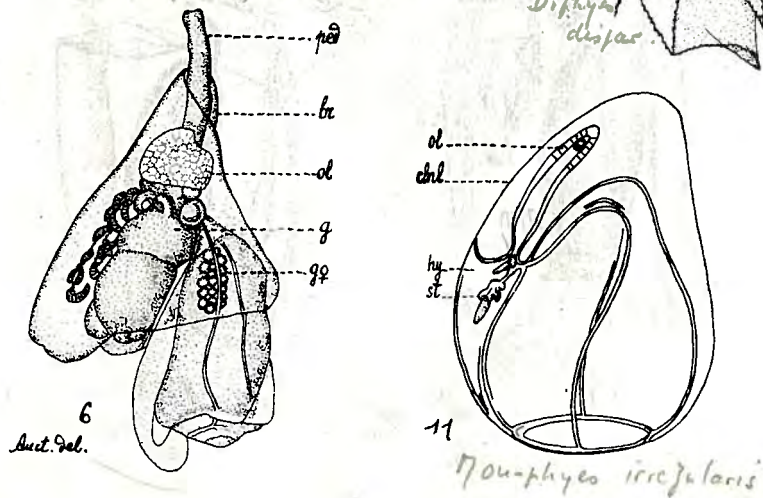
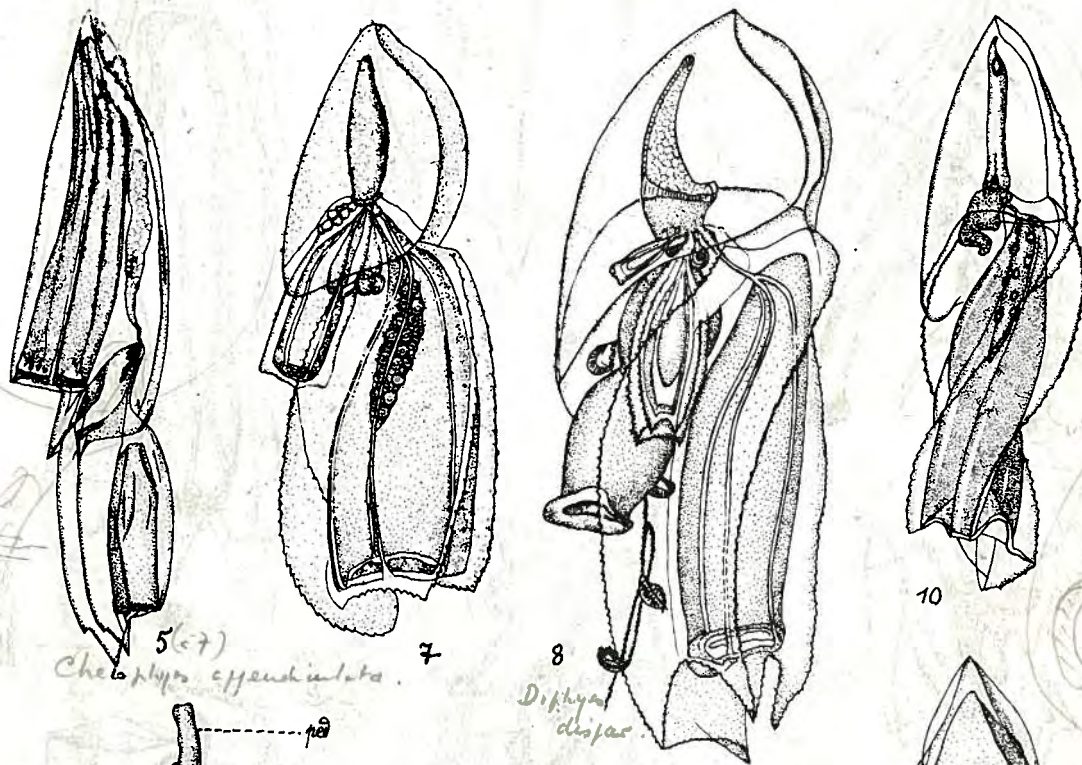
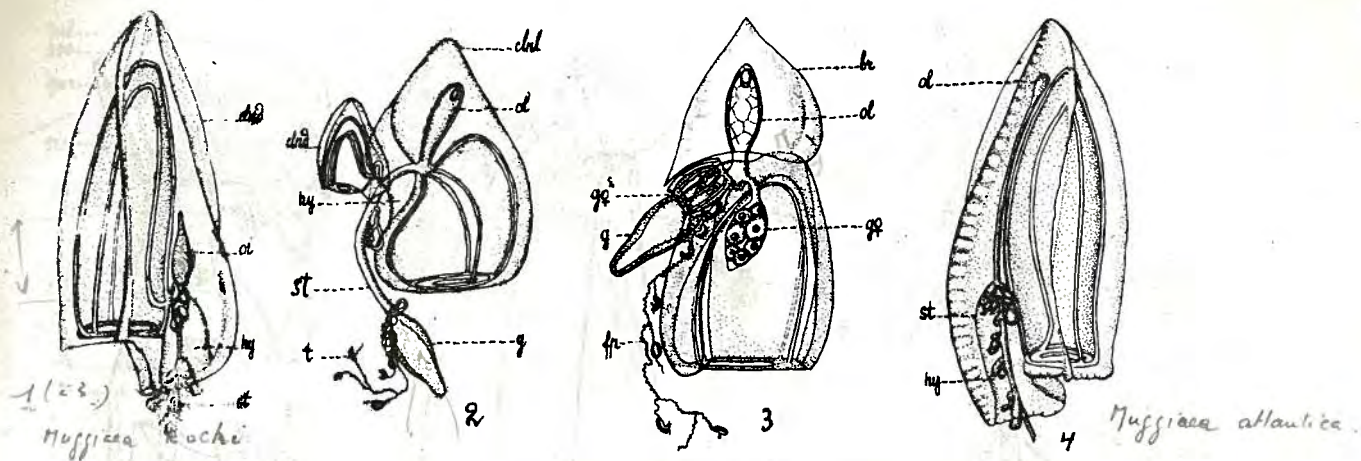
h. subtiloides.

11



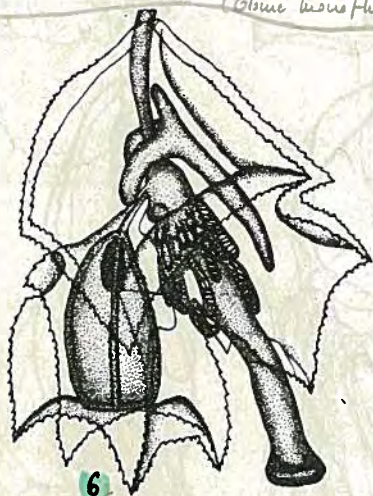
8

Leusia subtilis

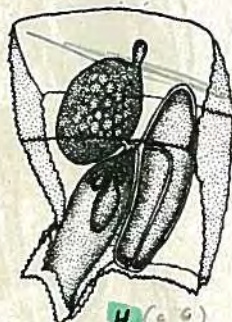




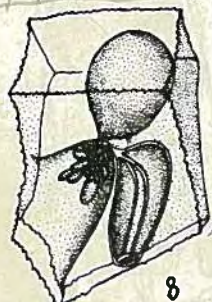
Calyptophore hyaline
(Colonne sous l'hydromé)



6

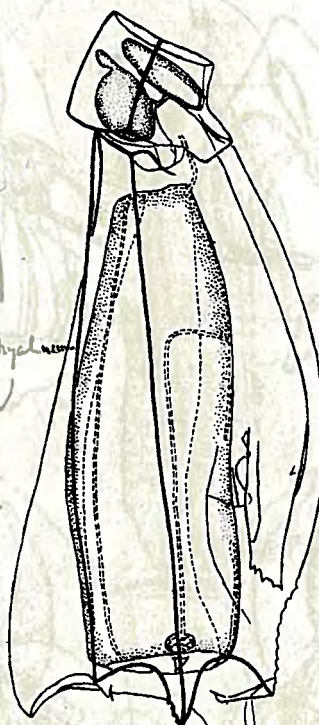


4 (a 6)
Abylopsis arschschofferi



Aut. Vol.

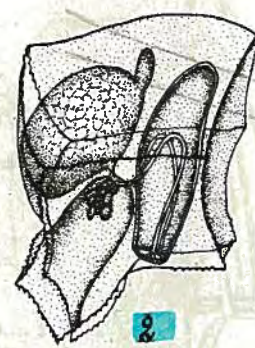
Hydra bassensis
(col sup)



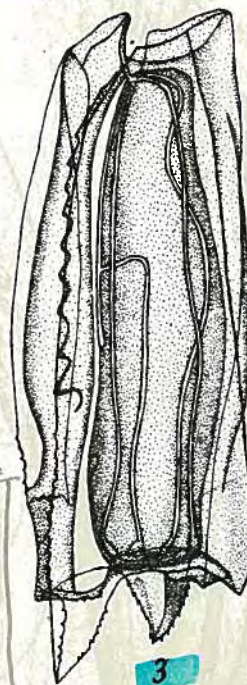
7 (a 3)
Abylopsis tetragona



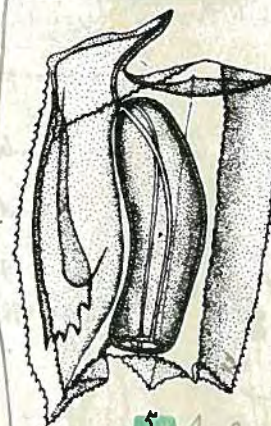
Hydra bassensis



8

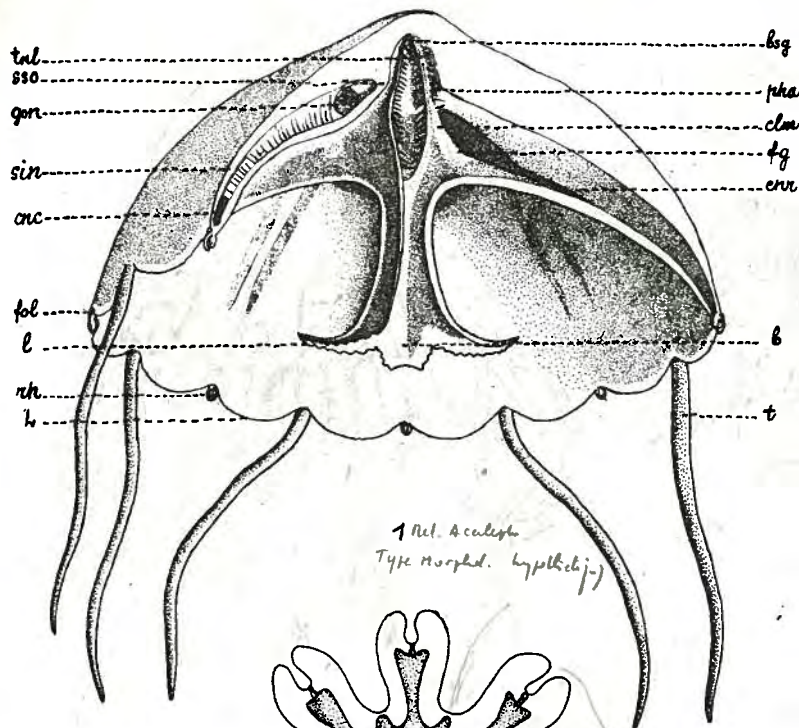


3

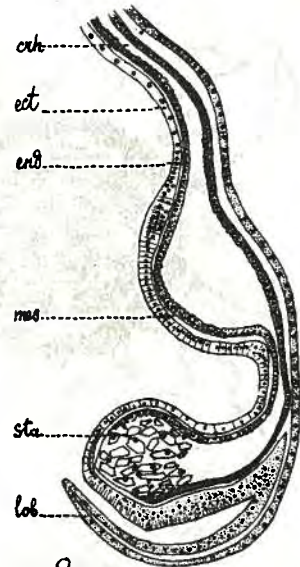


5

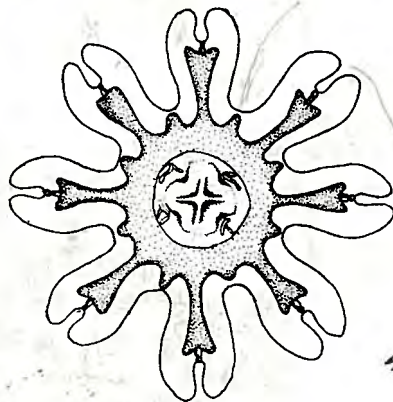
4. e



1 Net. Acaleph
Type Morphol. hypobolus



2 Periphylla sp. Coupe sagittale la rhopalum



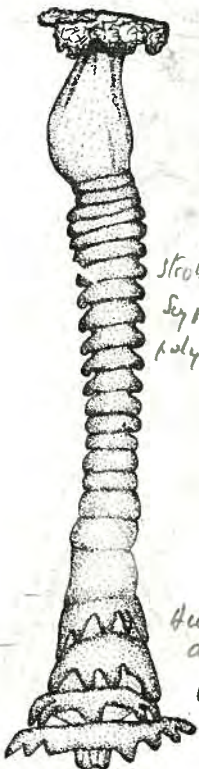
cruix
ineaux
(Pelagia)



4 Aurelia aurita
Jeune Ephyra



5 Cotylorhiza tuberculata.
Scyphistome, a' fermi fixe

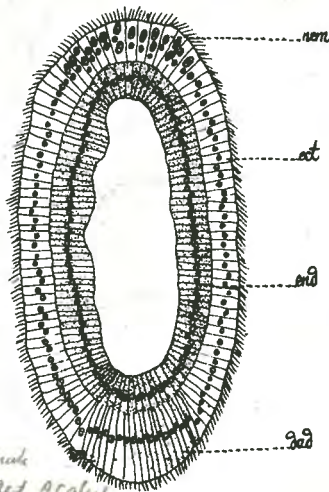


Auct. Del

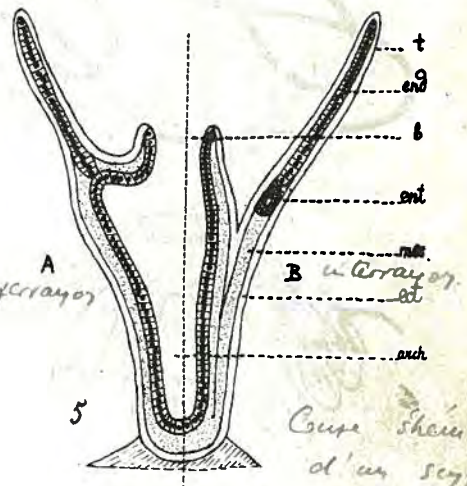
Strobilisation de
Scyphistomes
polydiques

Aurelia
aurita

6



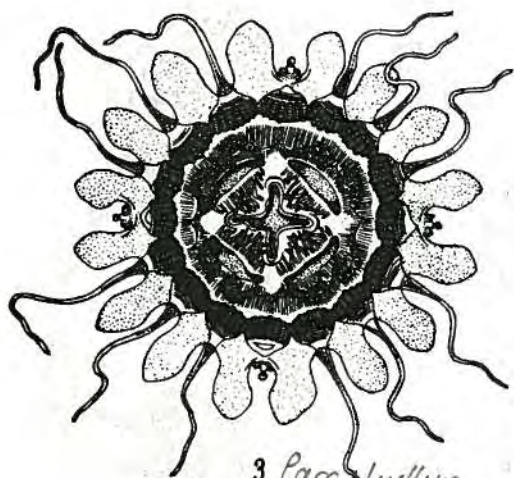
3 Coupe. Planche
de Net Acaleph



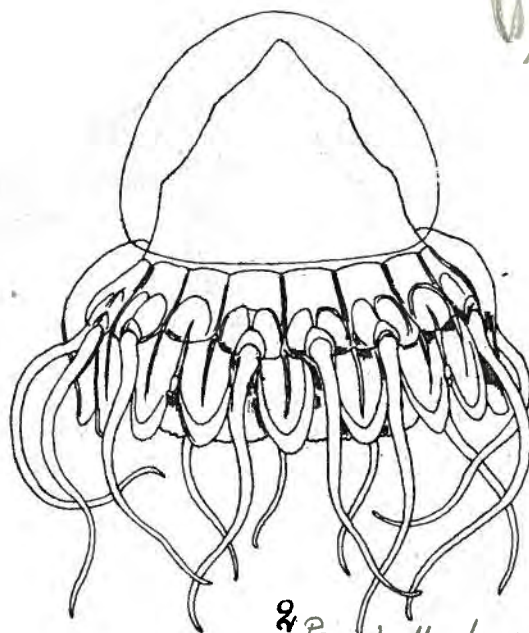
8 Coupe strobilifère
d'un Scyphistome

CHAPITRE XXVI. Méduses Acalèphes. Caractères généraux.

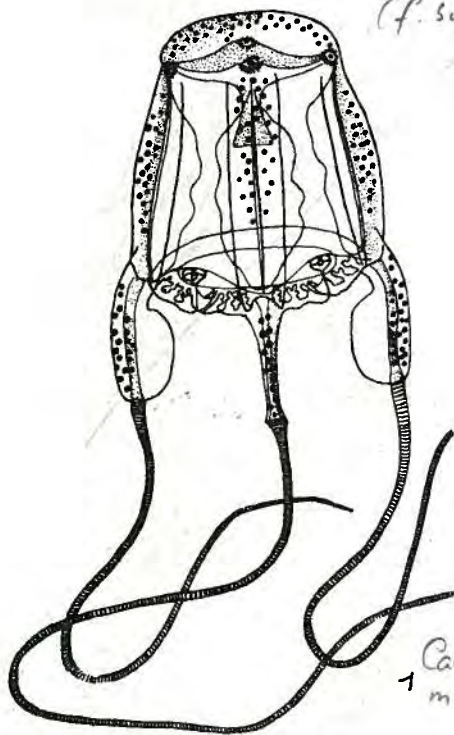
= Scyphomedusae / Pelagia



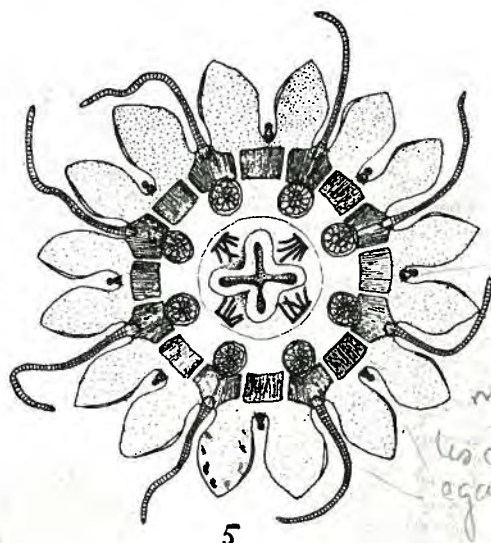
3 *Paraplutina*
intermedia.
(f. *succa*)



2 *Periphylla* *hyacinthina*.
AD

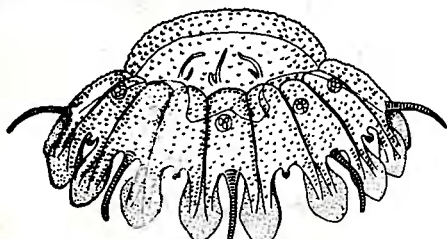


1 *Carybdea*
marsupialis



5

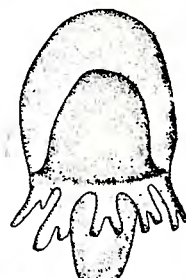
org. sens.
mine
les creux (?)
egaux
Naunthoe



4 (v. 5)
Naunthoe *punctata*



A flange

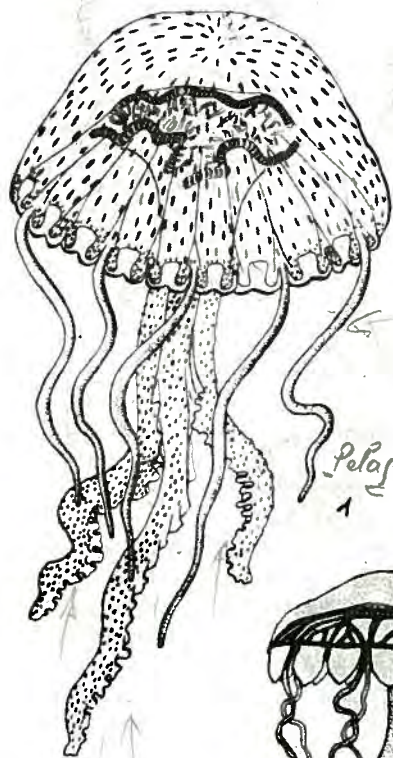


B

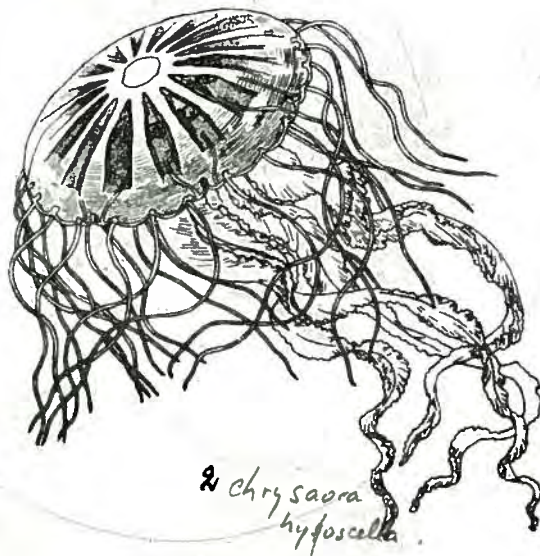


C *Ephyra*
aut. vel.

6 *Pelagia* *noctiluca*



1 Pelagia n.



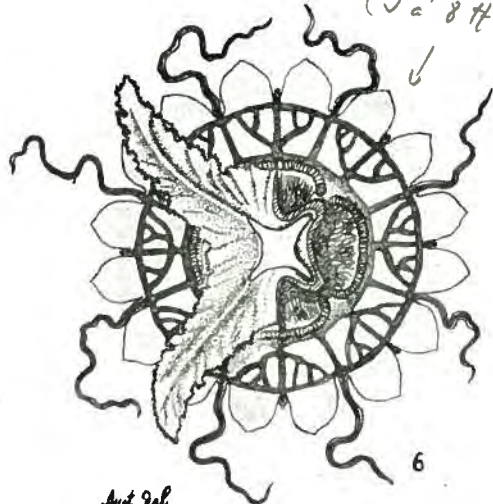
2 Chrysaora hyposcella



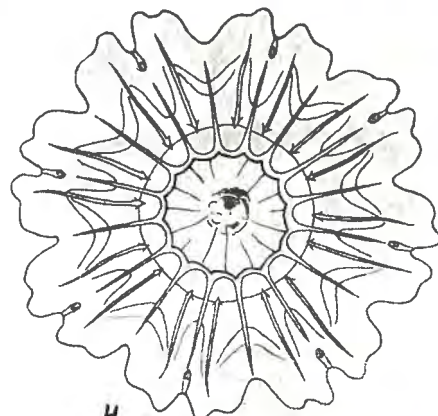
5 Discomedusa lobata (Ja' 8 H.)



3 Chrysaora hyposcella

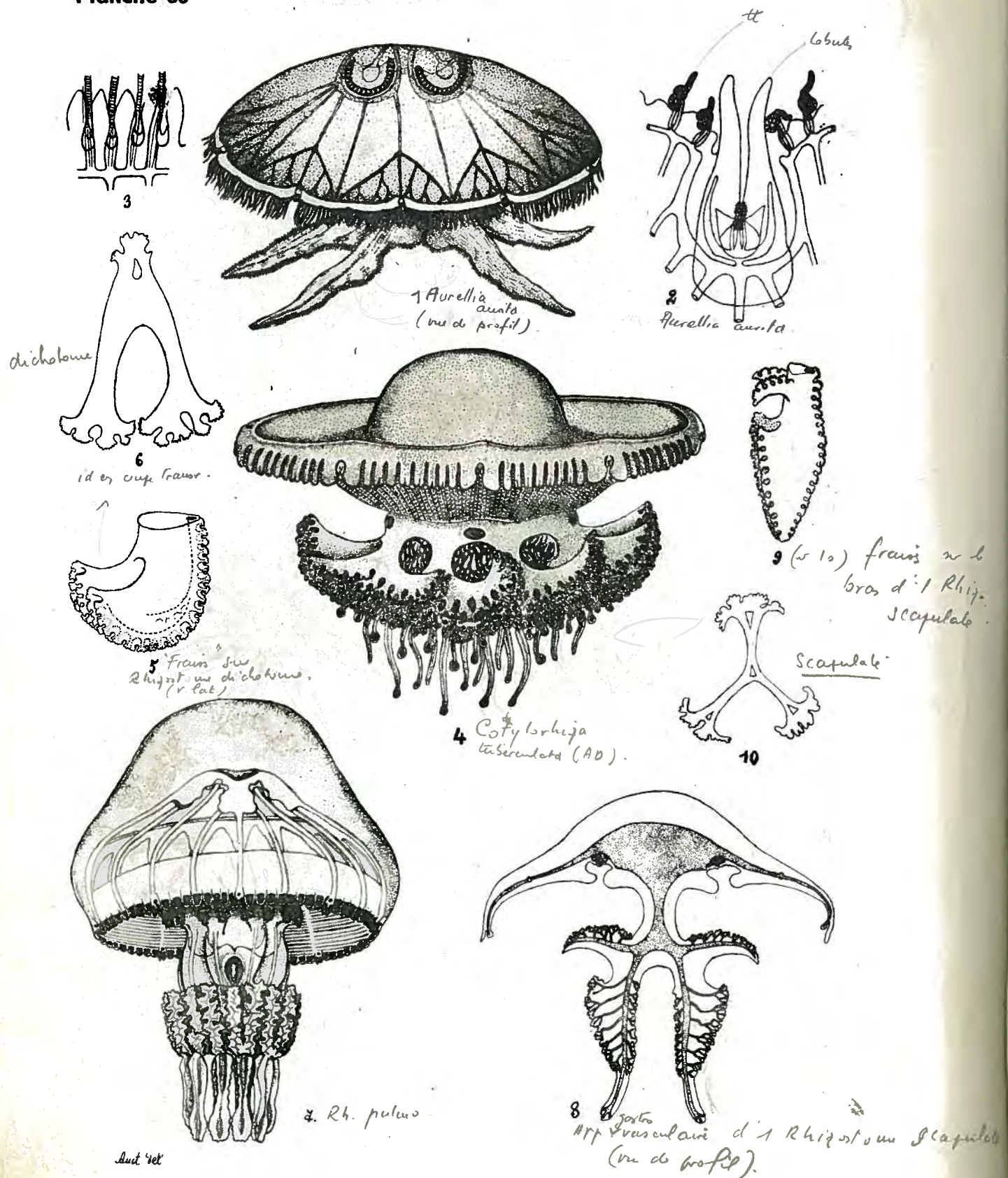


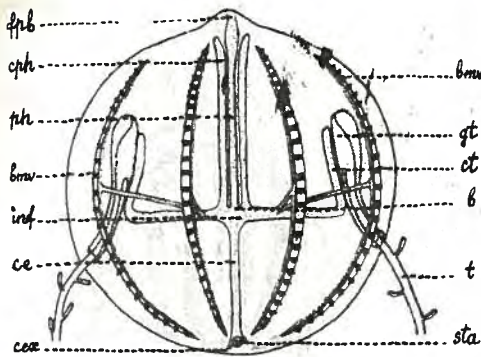
Aut. Del



4 Cyanaea capillata AD. f. alba

bleue

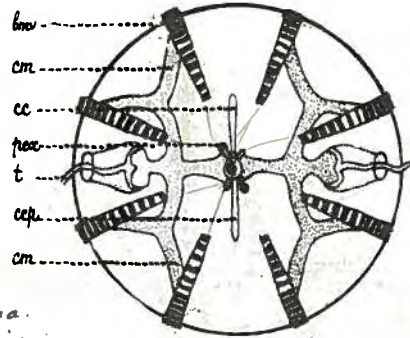




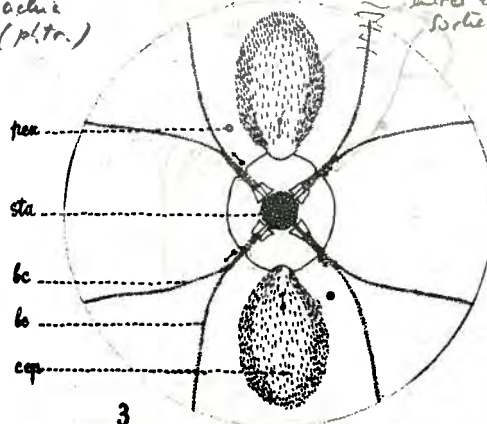
Pleurobrachia
filosa. (p.l.f.)
1/2 à 1 cm



Cœloplana
8 Willeyi



autres 'eau
forte' de l'œuf) 2 P. p. (P. equatorialis)

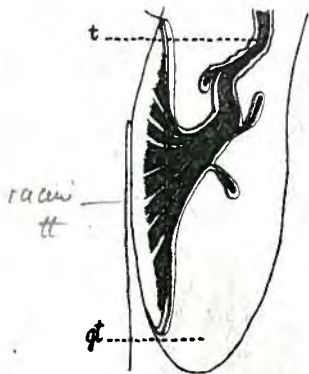


vue abrad.



1/3 sort de
Strobilite
(type)

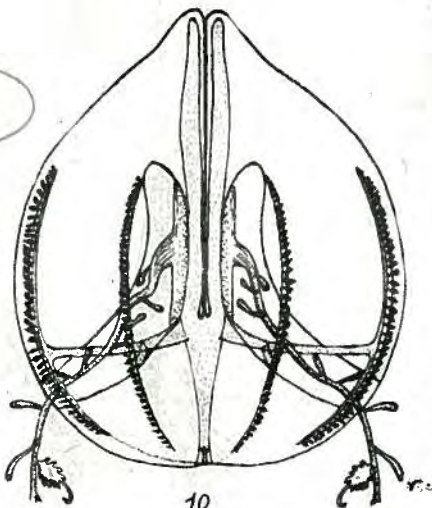
5 Eucaris multirima



7
Hormiphora plumosa



4 Cœloplana reuteri



Auct. Del.

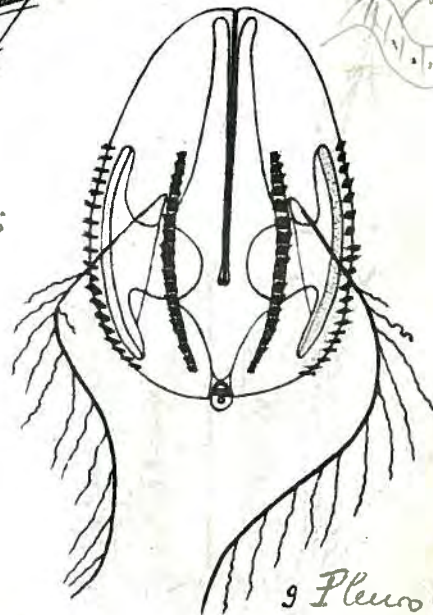
Hormiphora
plumosa A.D.
hormiphora

[5-6 mm]



6

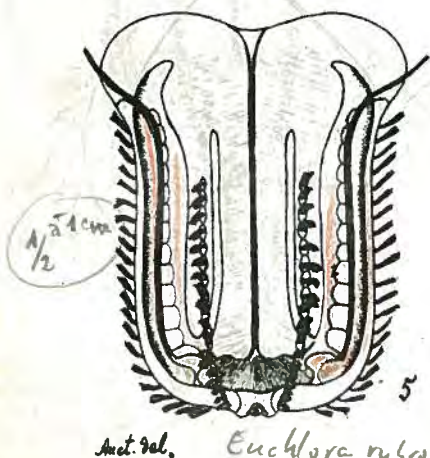
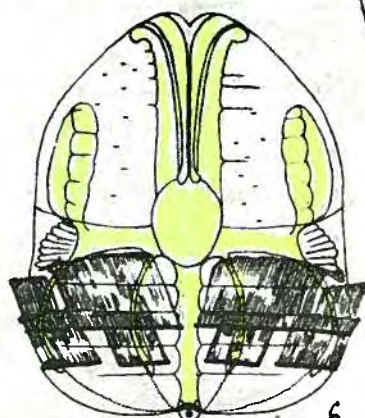
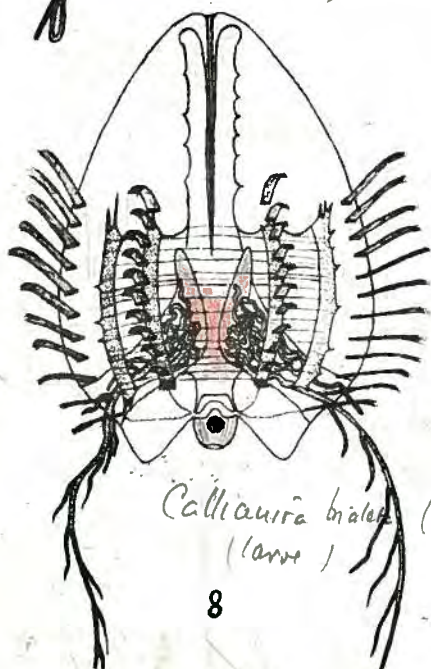
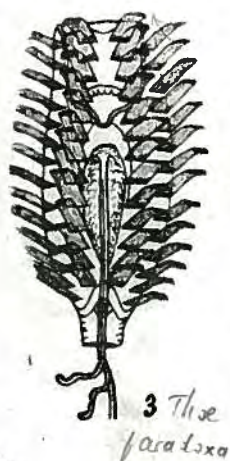
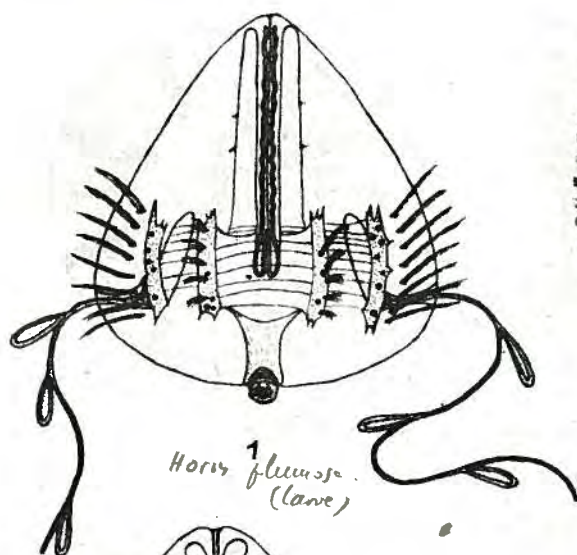
Besou vrate
(cage d'alto amovible
à strobilite)



9 Pleurobrachia

phosphatis (AD)
filosa

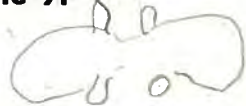
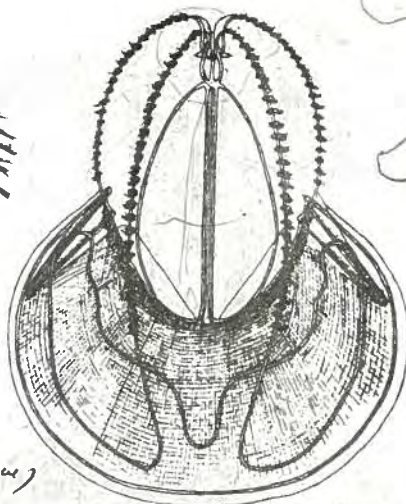
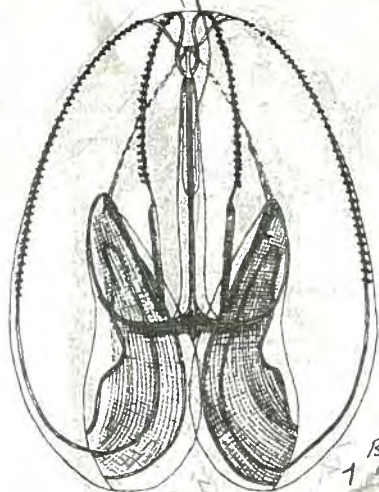
(6-7 m ?)



Aut. Del. *Euchlora rubra*

(la figure est à l'annexe)

certains

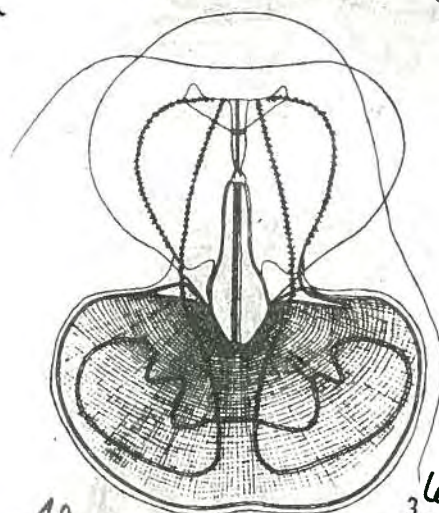


Deriv. spec.
10 km

5 E. mult.
(embryon issu de l'ov
de la larve cydippide
d'origine)

Bolind
1 hydrotia
2,5 a 4 cm
CC

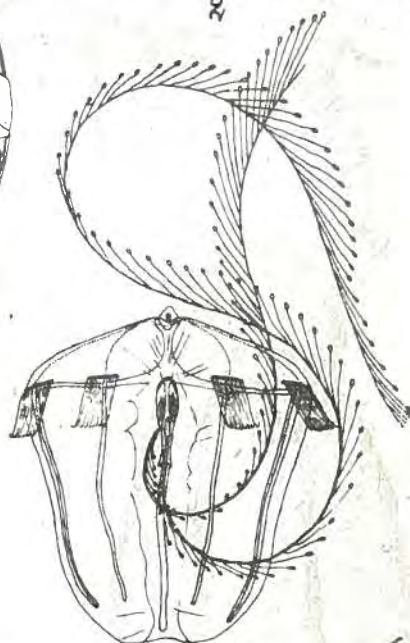
B. hyd. (prosp.) 2,5 a 4 cm



10-25 cm



4 Euchaer. m.
(larve)



7 Cestis veneris (larve)



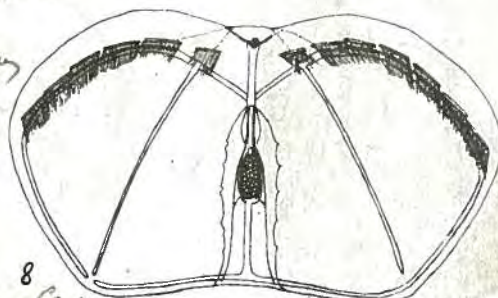
9 Vexillum parallelum
(Ind. jeune)
velamen



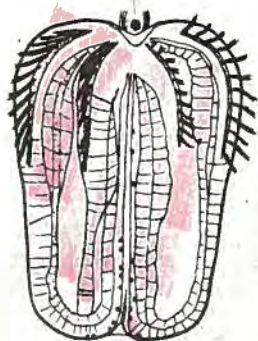
Ind. vel.

6 Cestis veneris
(jeune)

1,5 m
x 28 cm

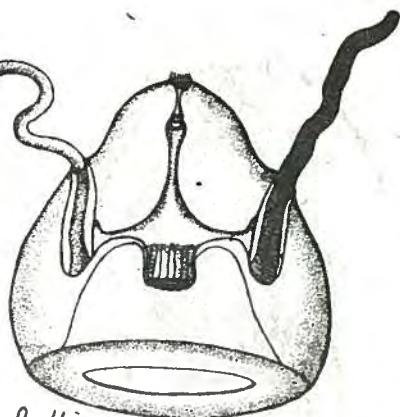
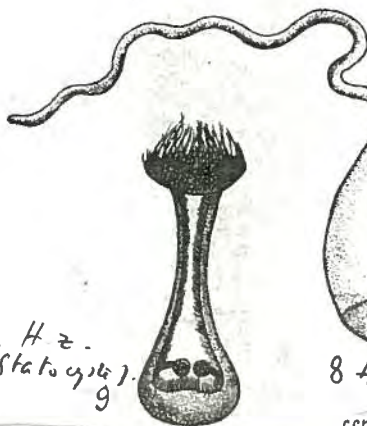


8 Cestis veneris (larve cestiforme)

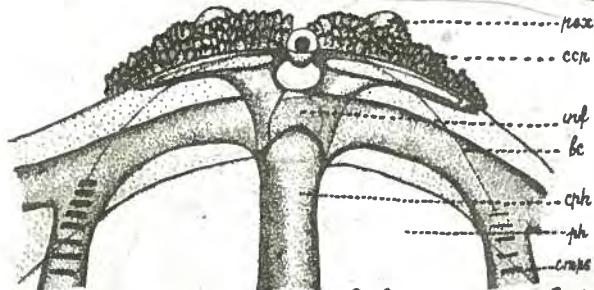


7 Beroë forsk. (larve)

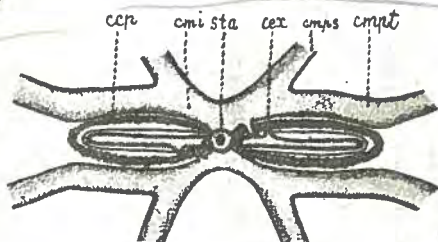
4 z. (Stato cyte) 9



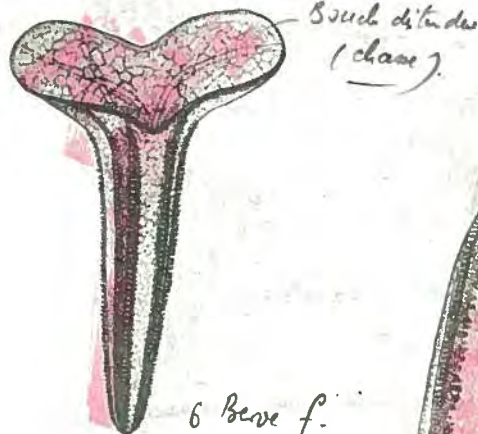
8 Hydrooctena zaleskii (AD)



2 Beroë ovata (ab.)



3 Beroë ovata (pob)

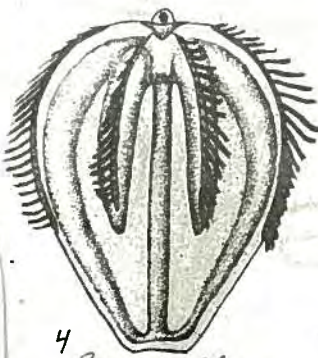


6 Beroë f.



Aust. Vol.

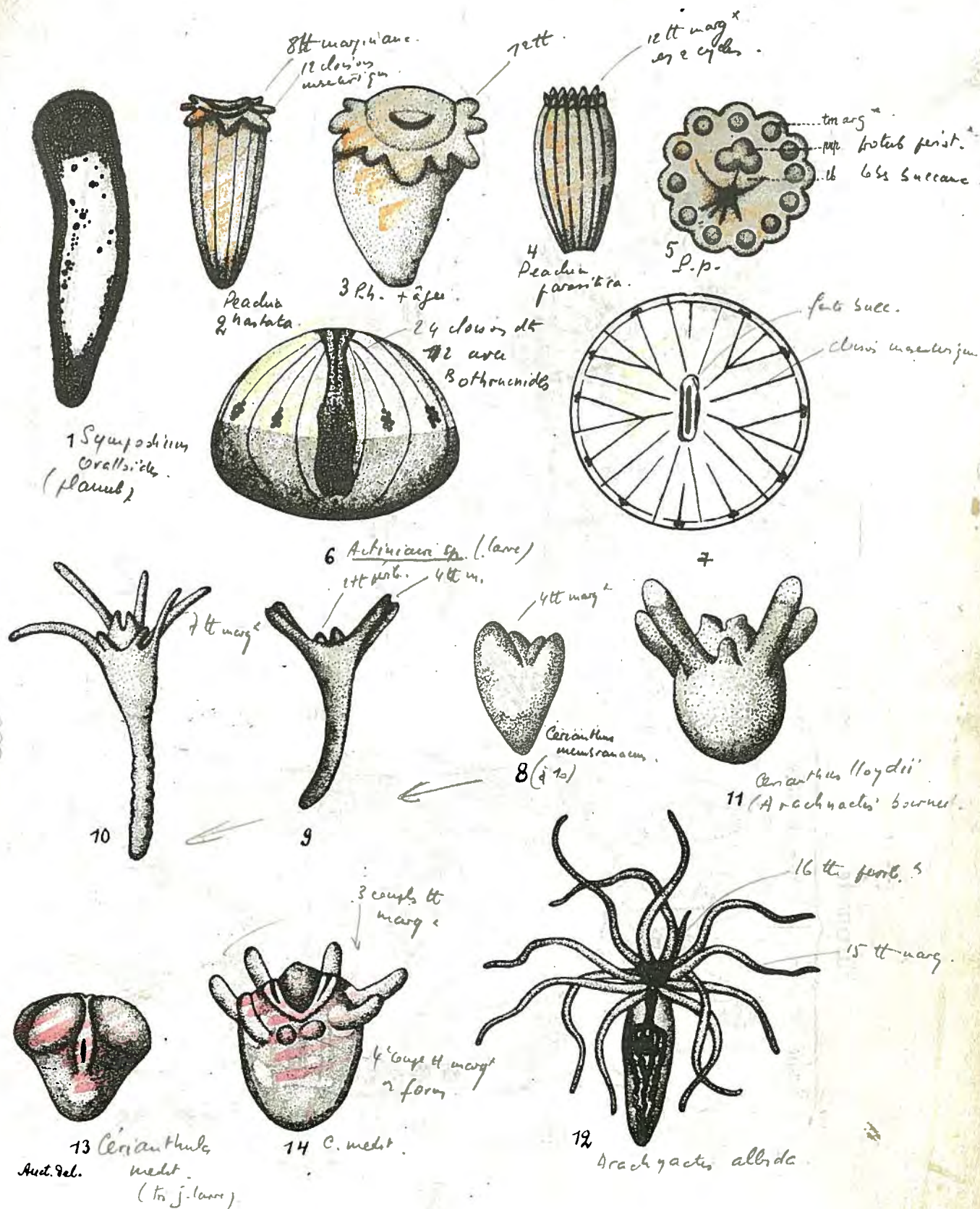
1 Beroë ovata

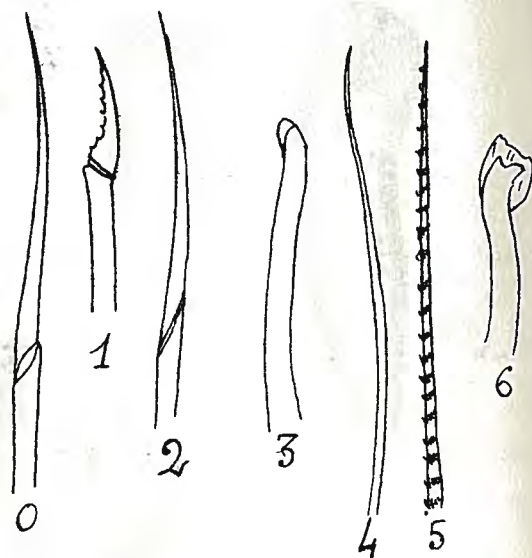
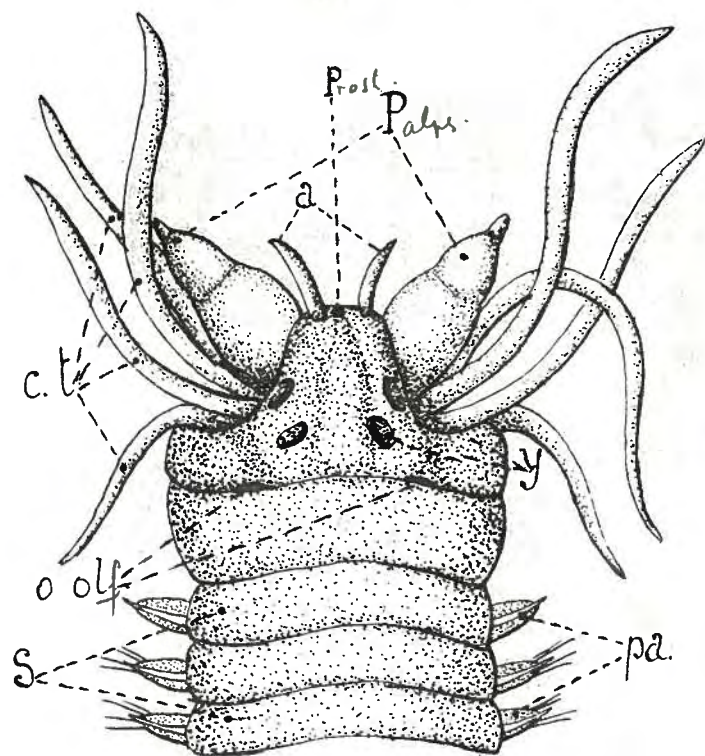


4 Beroë ovata (larve)

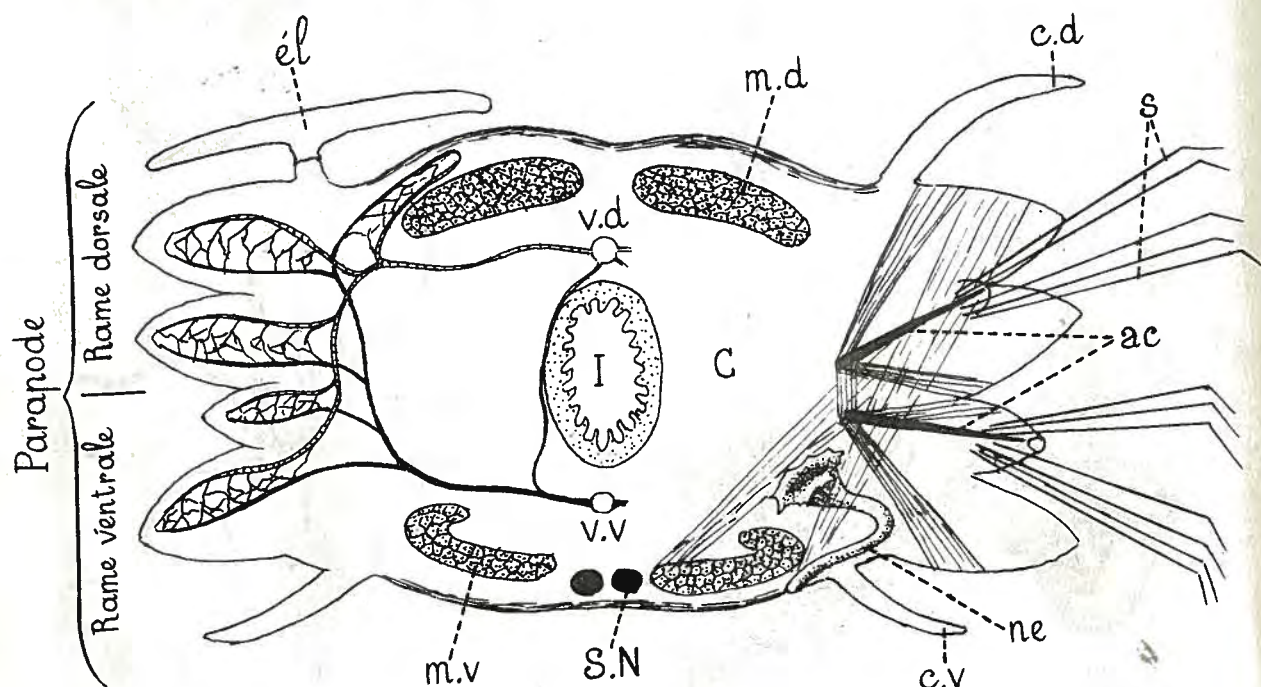


5 Beroë forsk. AD.



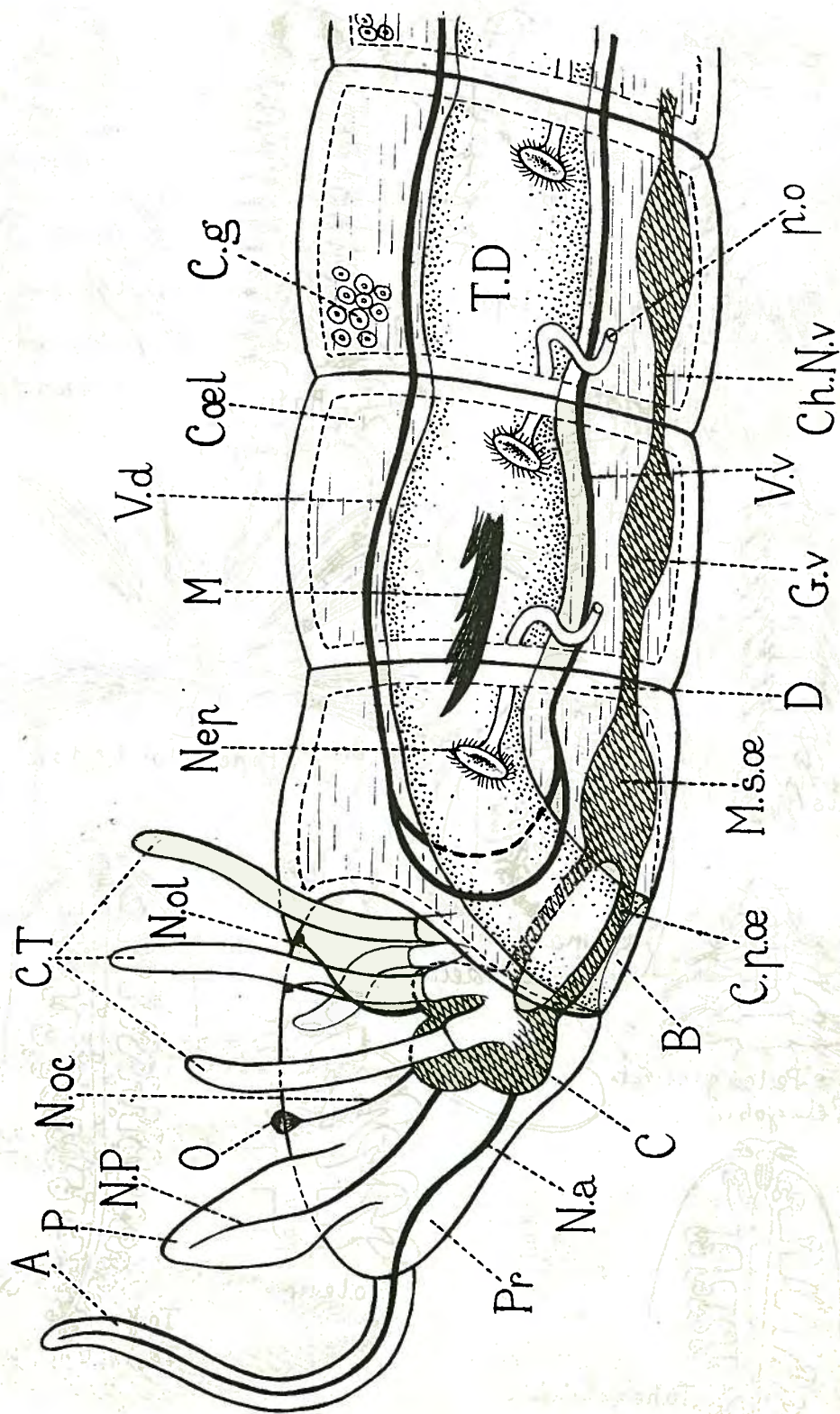


2

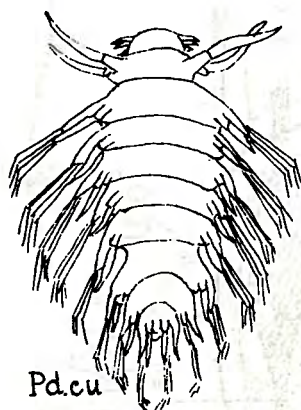


3

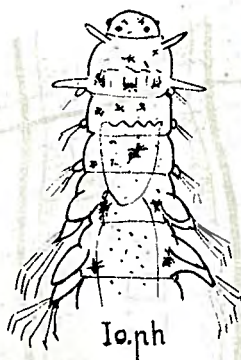
CHAPITRE XXIX. Polychètes. 1 : Tête; 2 : Soies; 3 : Coupe transversale du corps.



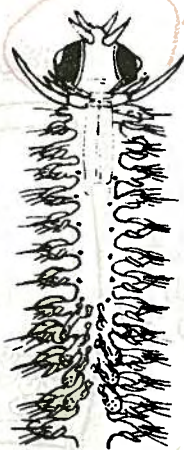
CHAPITRE XXIX. Polychètes. Région antérieure de profil.



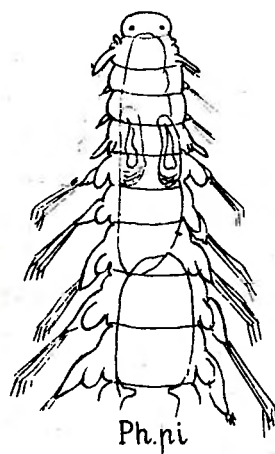
Pd.cu



Io.ph



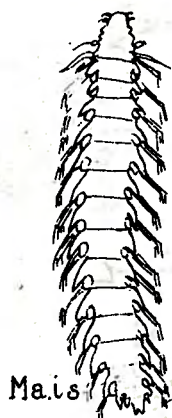
Rh.fu
*Rhynchonella
fulgens*



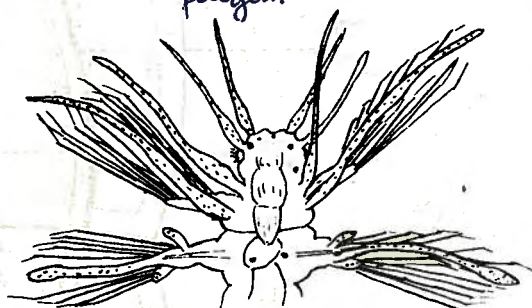
Ph.pi



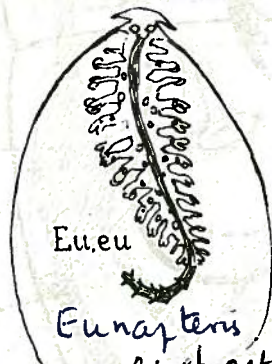
Pa.af



Ma.is

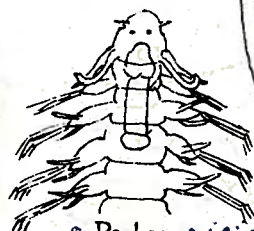


Pope *Pontodora pelagica*

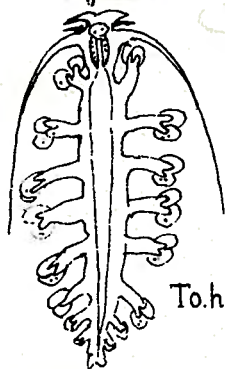


Eu.eu

*Eunaptenis
euchaeta*



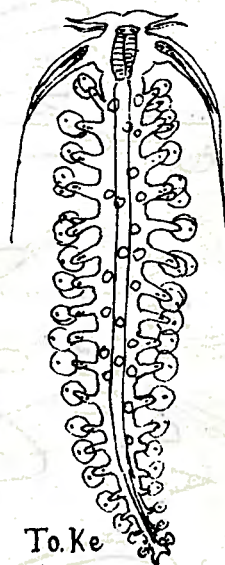
s. Pe. longicirrata
g *Pelagobia*



To.helgolandica.

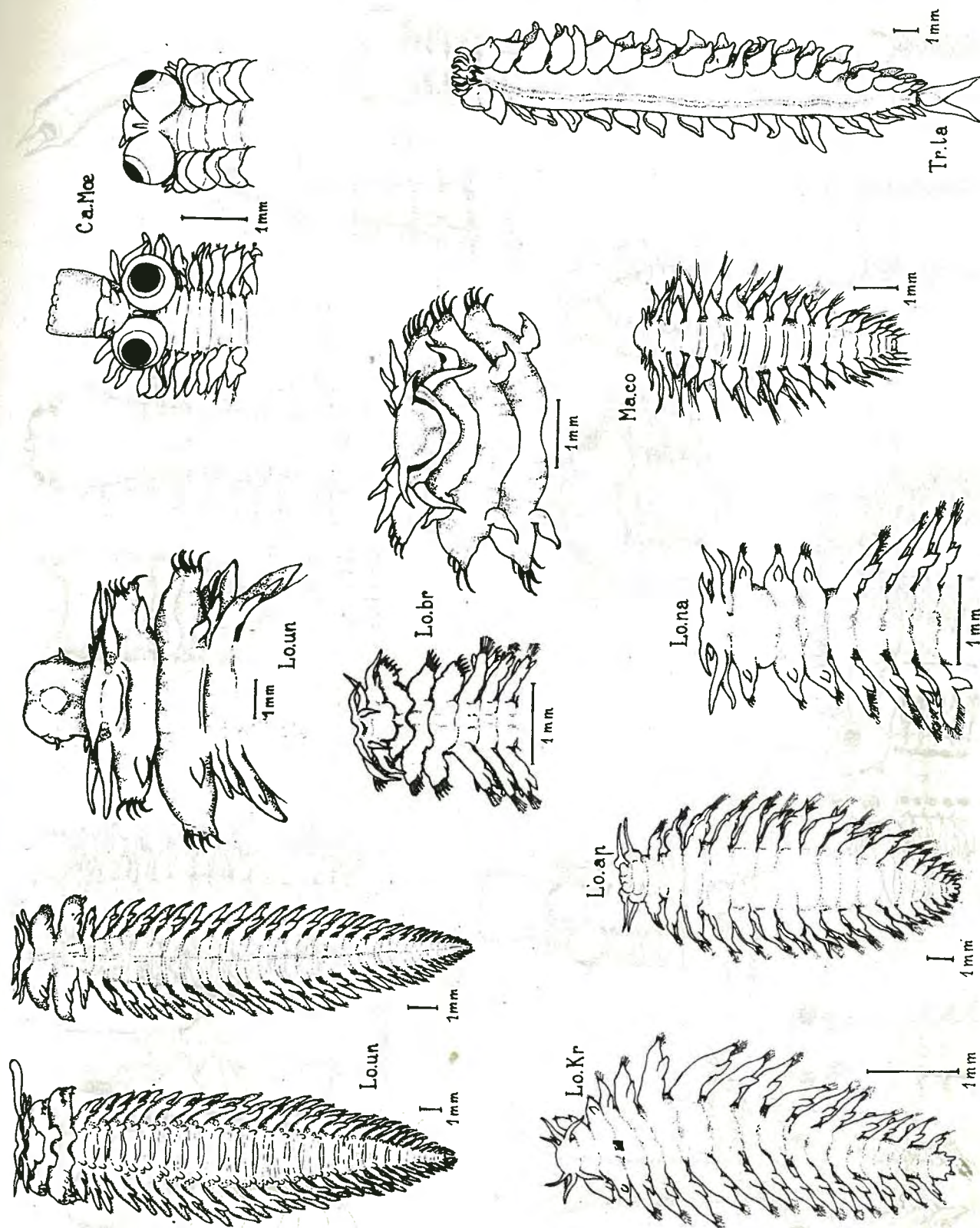


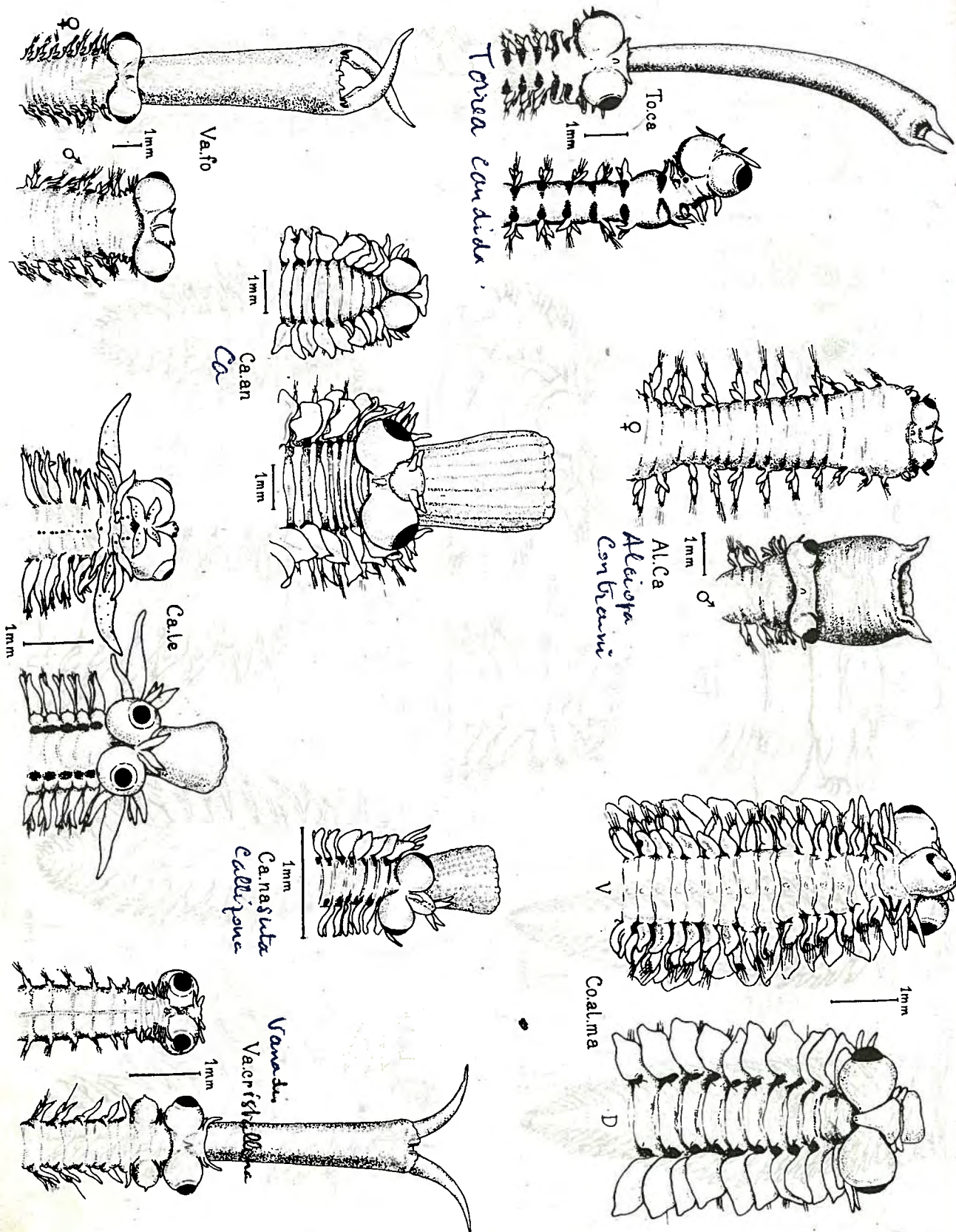
To.levipes

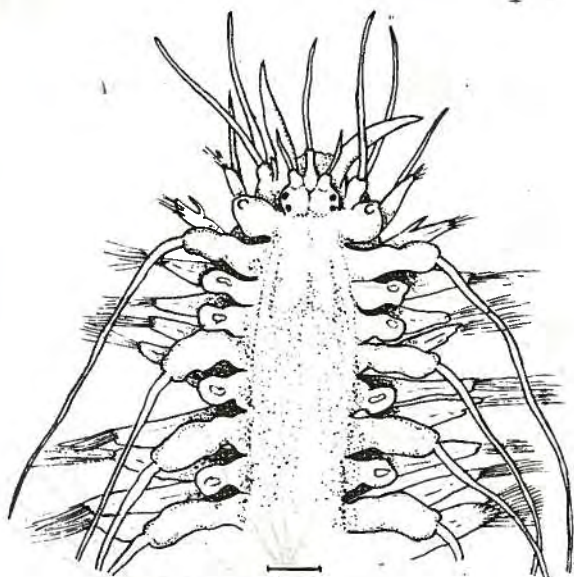


To.Ke

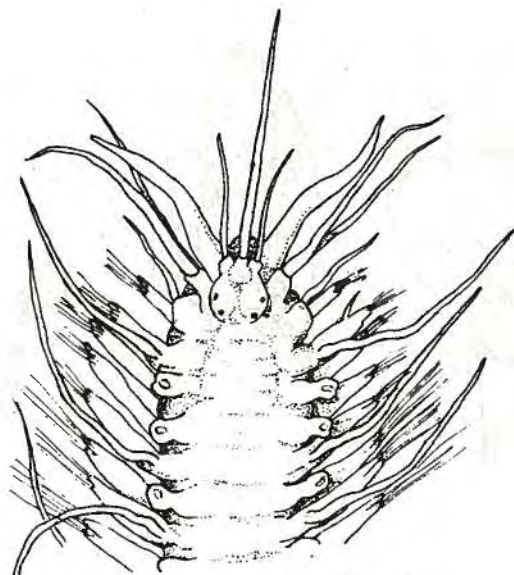
Tomopterus kefersteini



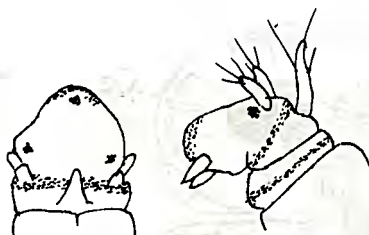




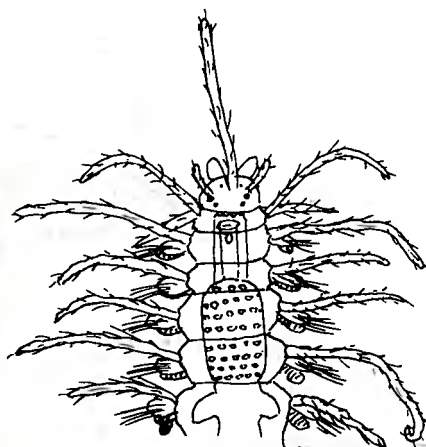
Ne. Cardi
Nectochaeta.



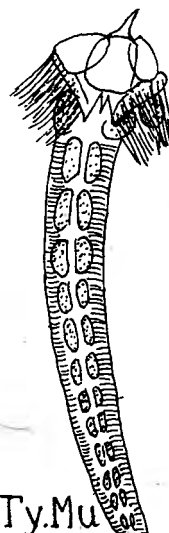
1mm Ne. Grimaldi
Nectochaeta



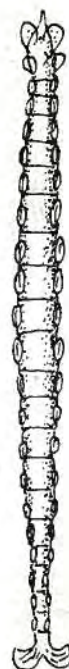
An. cinogulata.
Ancistrosyllis



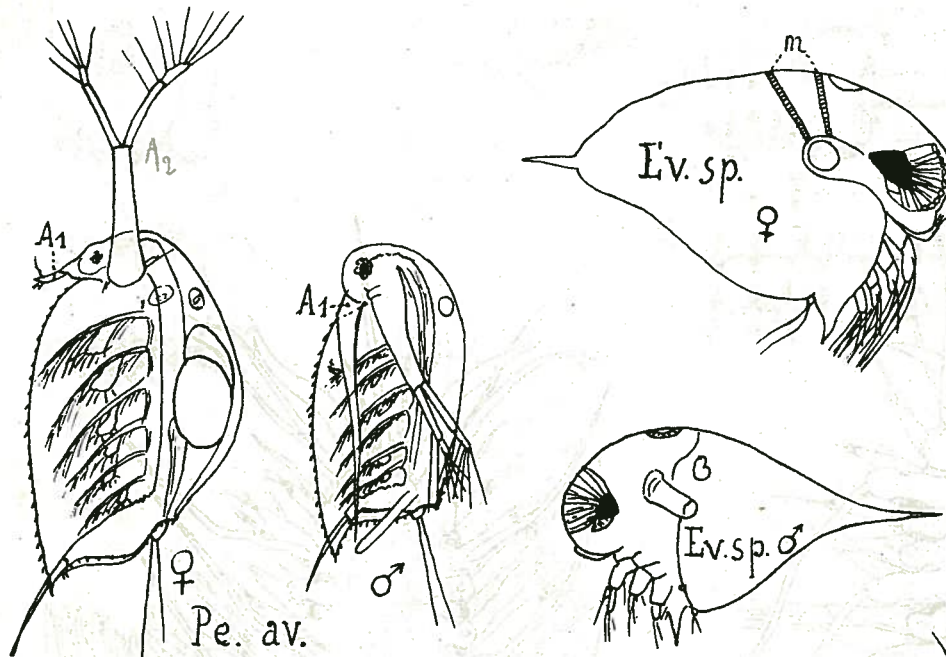
Pi. pulligera.
Pionosyllis



Ty. Mu
Typhloscoler
mulleri

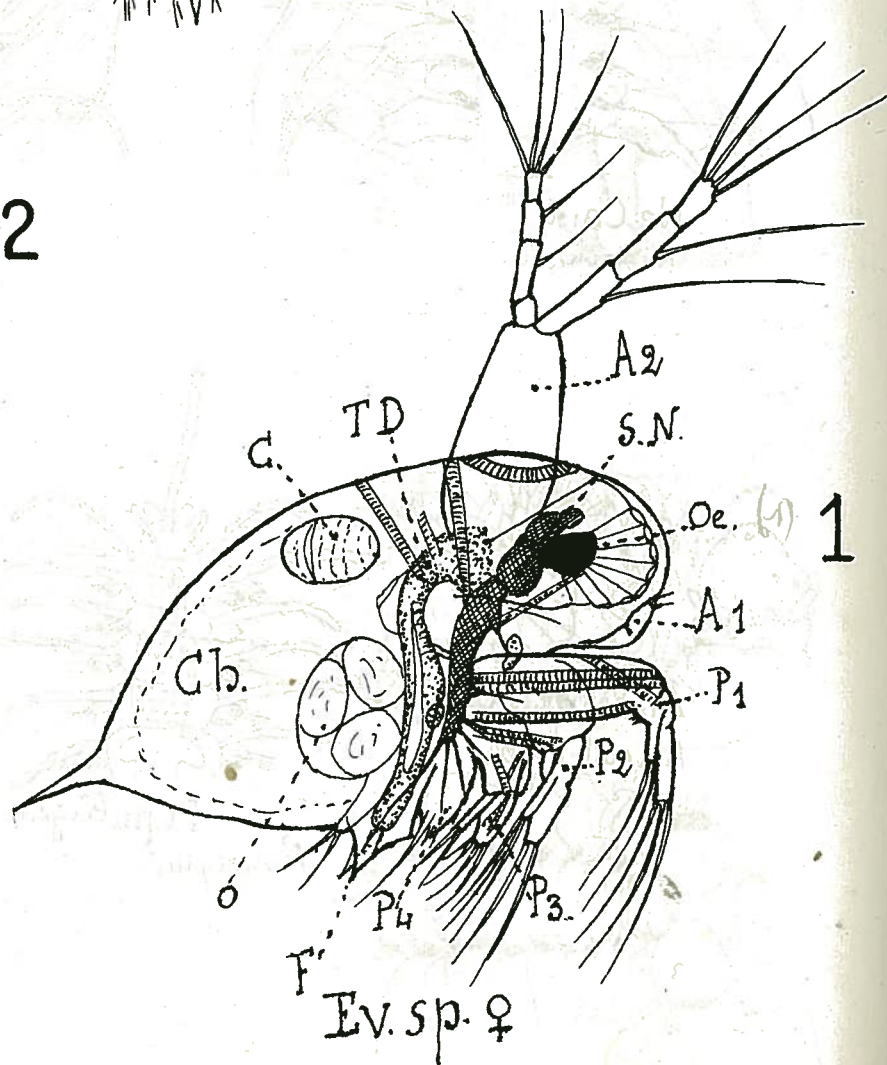


Sa. Ko
Sagittella
howalewskyi



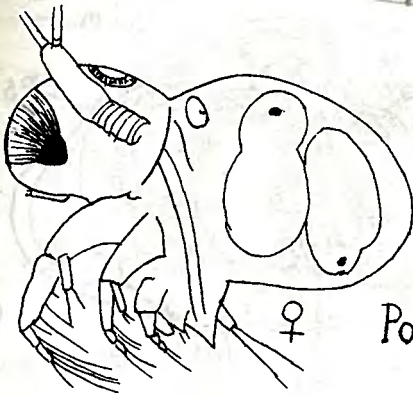
Calyptra mure
hidid us

2

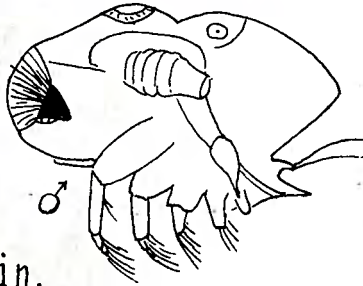


1

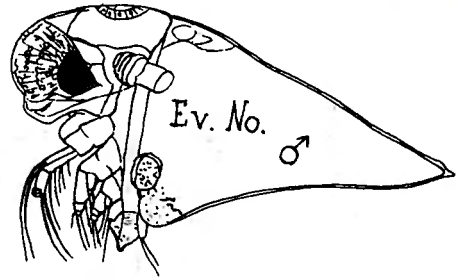
Gymnomenes polyphemoides



♀ Po. in.



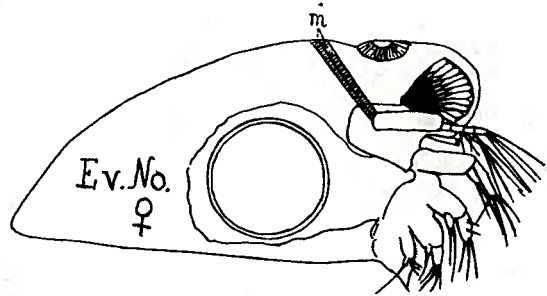
♂



Ev. No. ♂



Po. Le. ♂



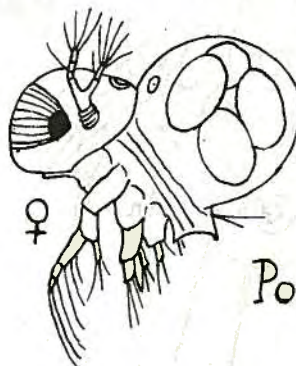
Ev. No. ♀



Po. Le. ♀



Ev. te. ♀



♀



♂

Po. po.

Cyfridinae
Cof. calif.

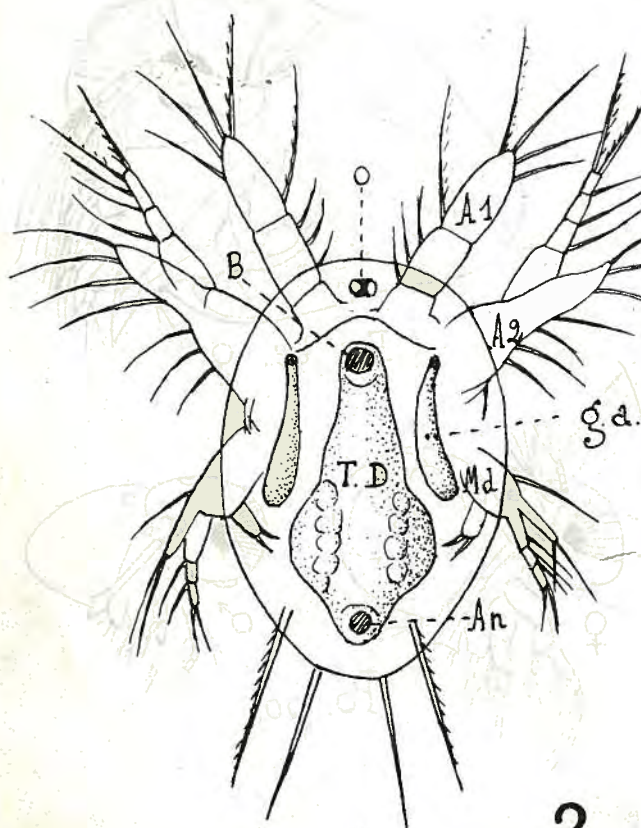
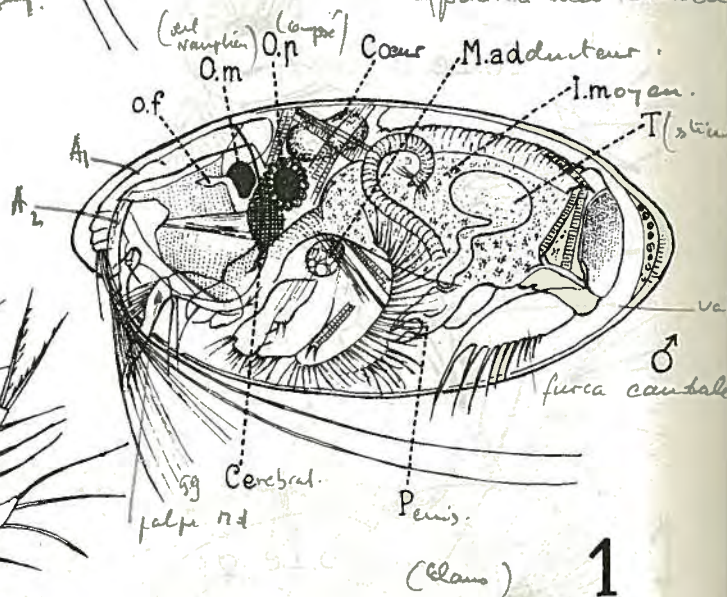
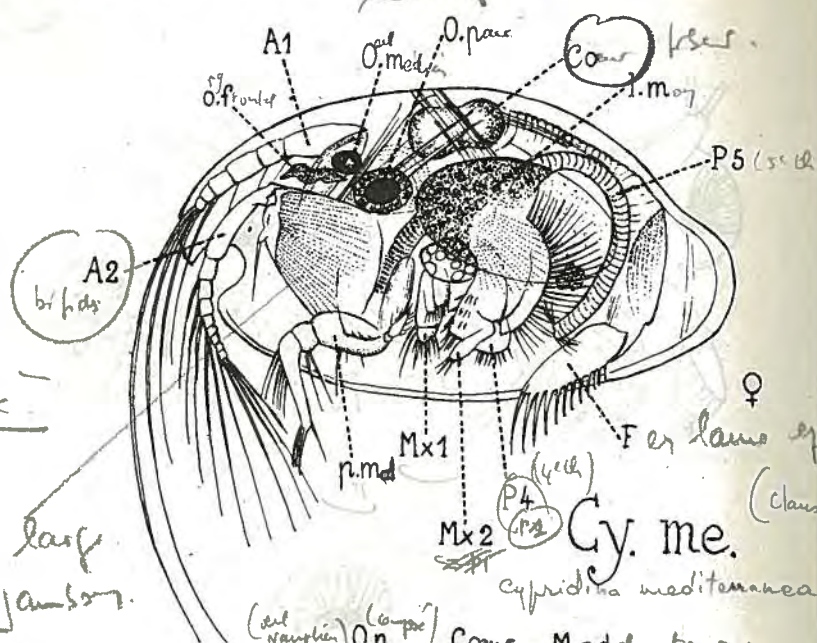
177, 200, 215

- Coq a minner ar
- bon A1 large
- A2 bifide
- F & lam vertic epim
- Coeur présent

31 fatts max

$$p_1 \quad p_2 \quad p_3$$

ban laf.
2. 1st Jan 1871.



Appendix
Memoranda of office

Myadocypod olivaceus - Cyprinid
(♂ & ♀)

pelagique.

MANUEL DE PLANCTONOLOGIE

Planche 103

cop' mib.

F. Conchoecidae

g. Conchoecia

fa d'yene

Cœur



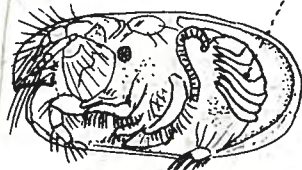
F. Cypridinidae

(Cypridina

Asterope - arica f.

As. ma.

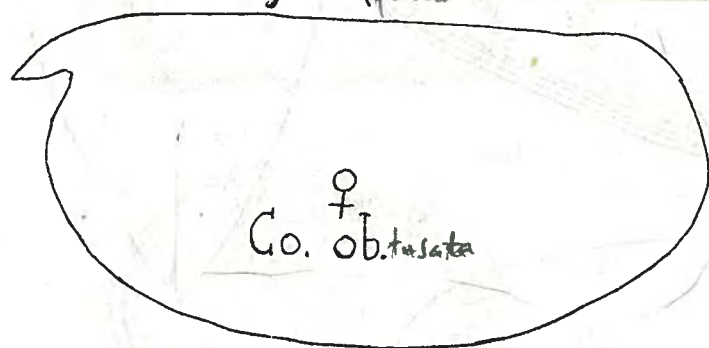
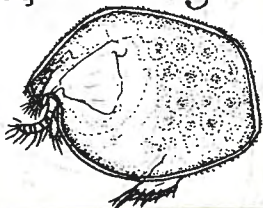
brachy.



- Cypridina.
- Philomedes
- Asterope.

- Philomedes globosa

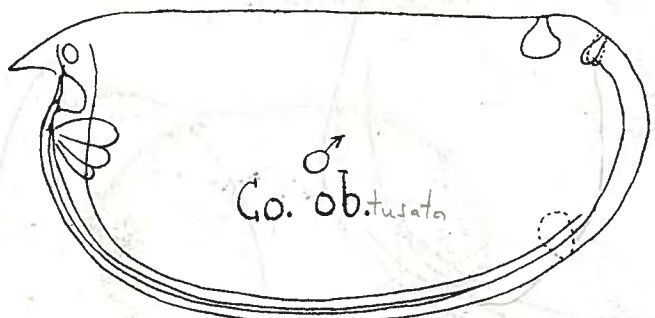
Ph. gl.



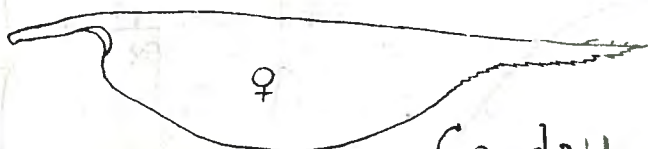
Co. ♀ obtusata



Co. curta

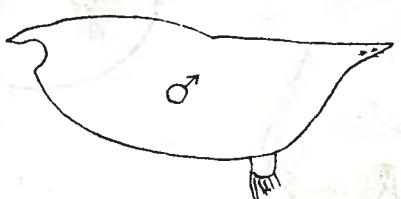


Co. ♂ obtusata

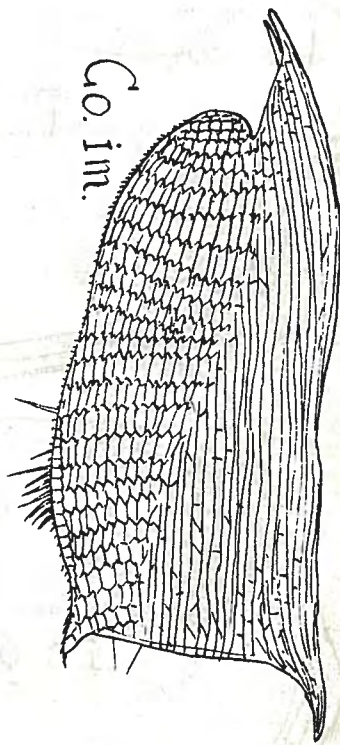


♀

Co. daphnoides

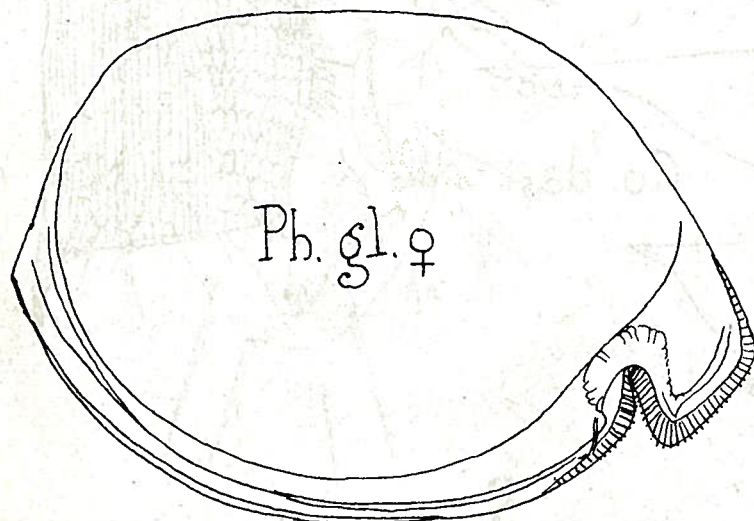
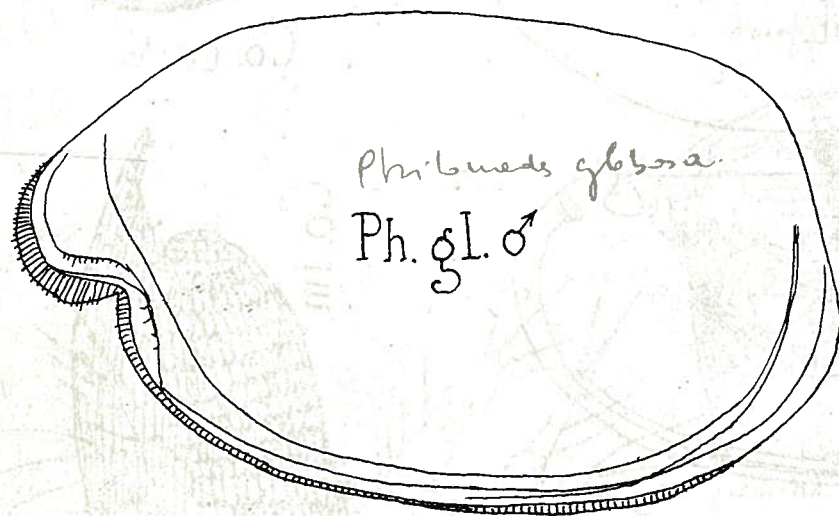
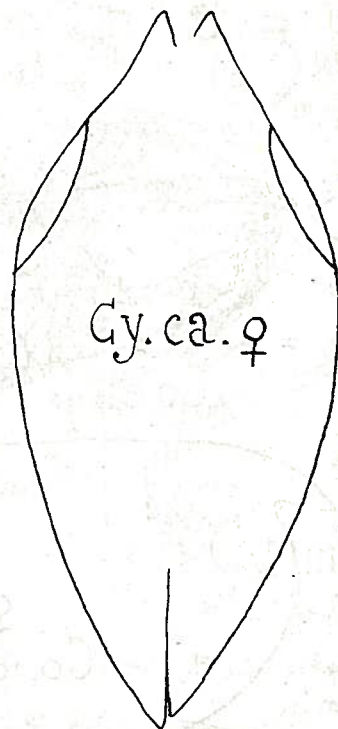
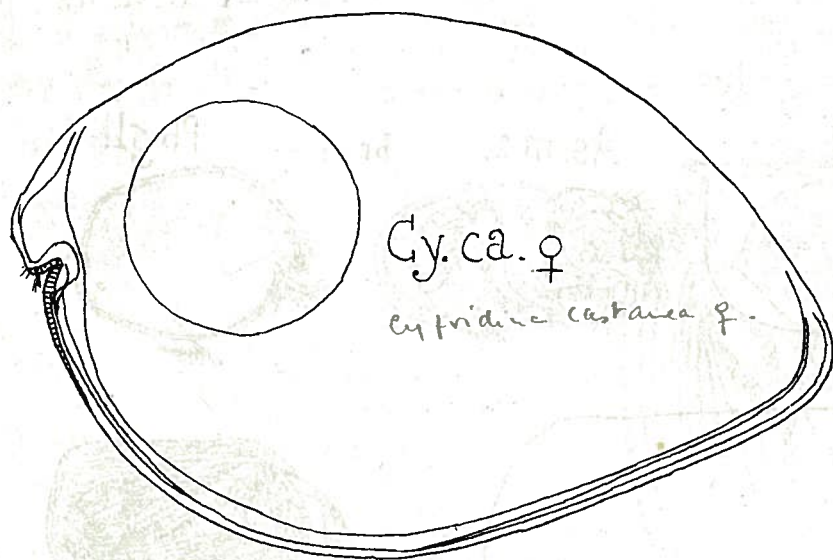


♂



Co. im.

Conchoecia imbricata



Podocopa

Copula 1/2 minuscule, minuscule
A₂ avec ray. rud. ou abs.
F₂ ? br. ou diag.
Cœur absent

carapace épaissie

oeil

Cyd. pa.

♀

♂

Cyd. pu.

♀

♂

Cy. al.

♀

♂

Le. pe.

♀

♂

a₁

p₁ p₂

3. p. d. p. - beam.
mes le 1er ovar = un x 2

(d'après l'embryologie)

Cœur absent.

- Benthiques

- Marins

Edwards

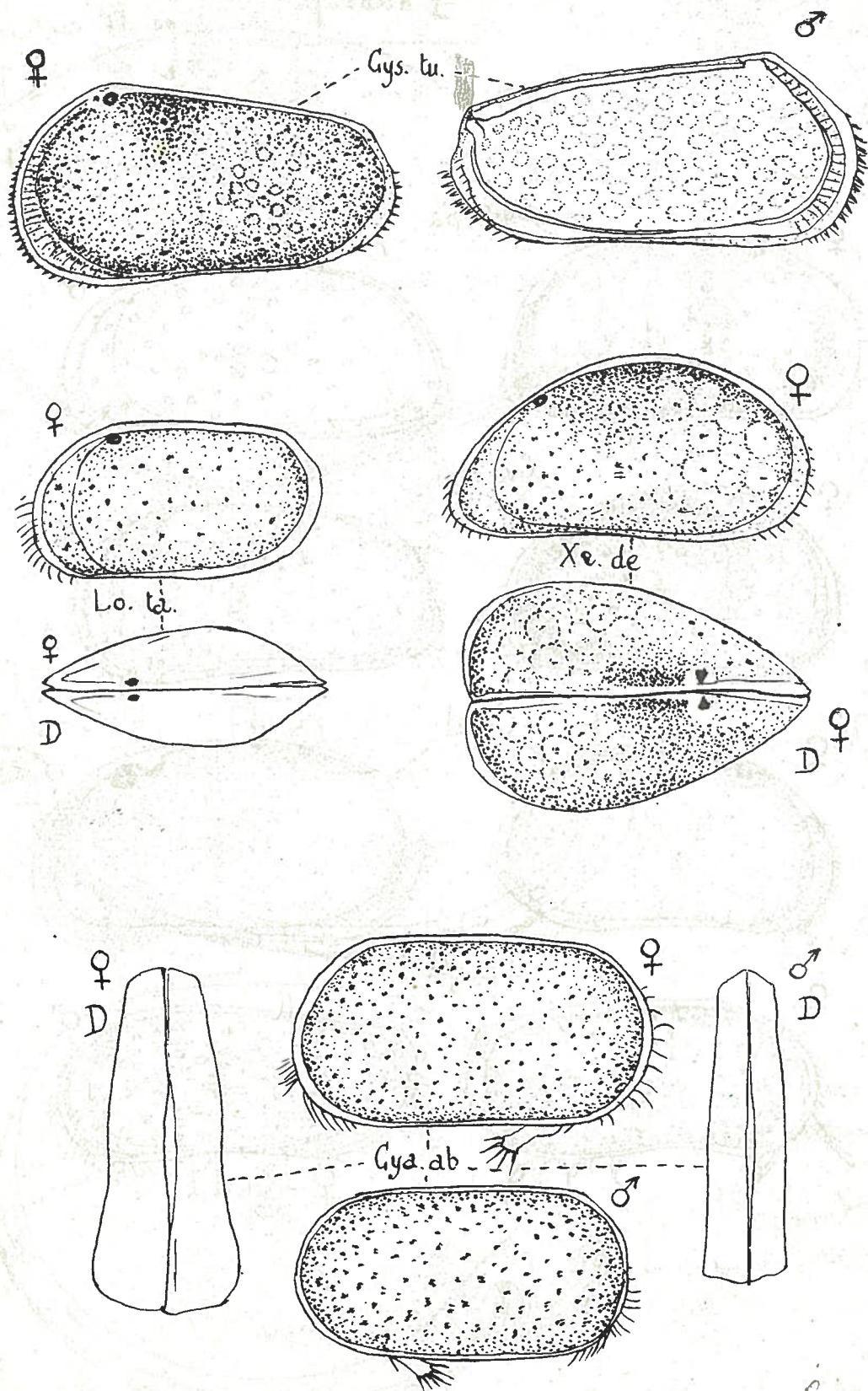
CHAPITRE XXX. Ostracodes.

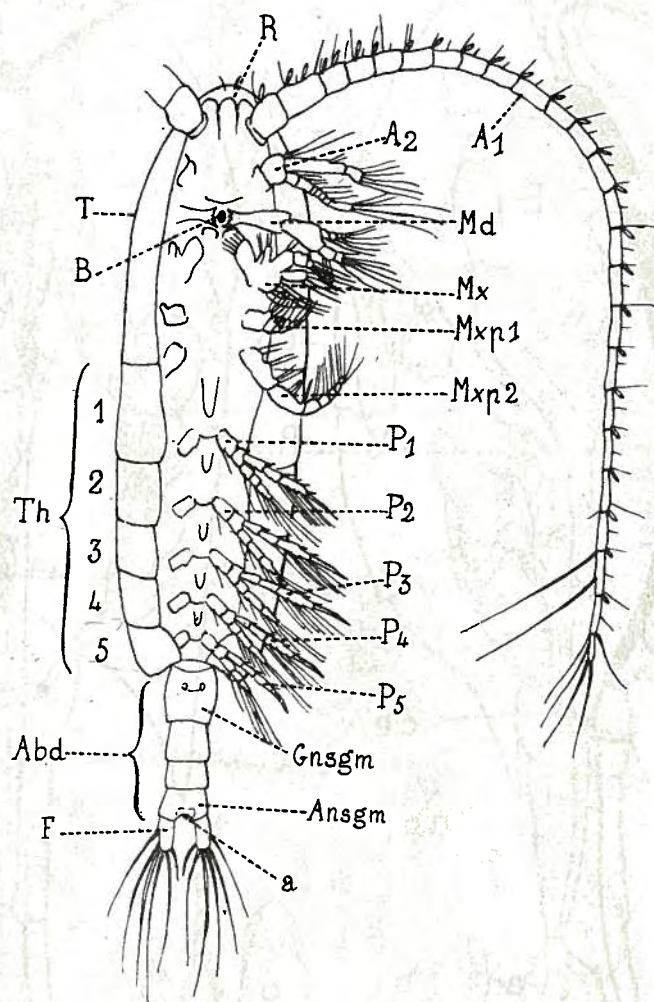
s/o

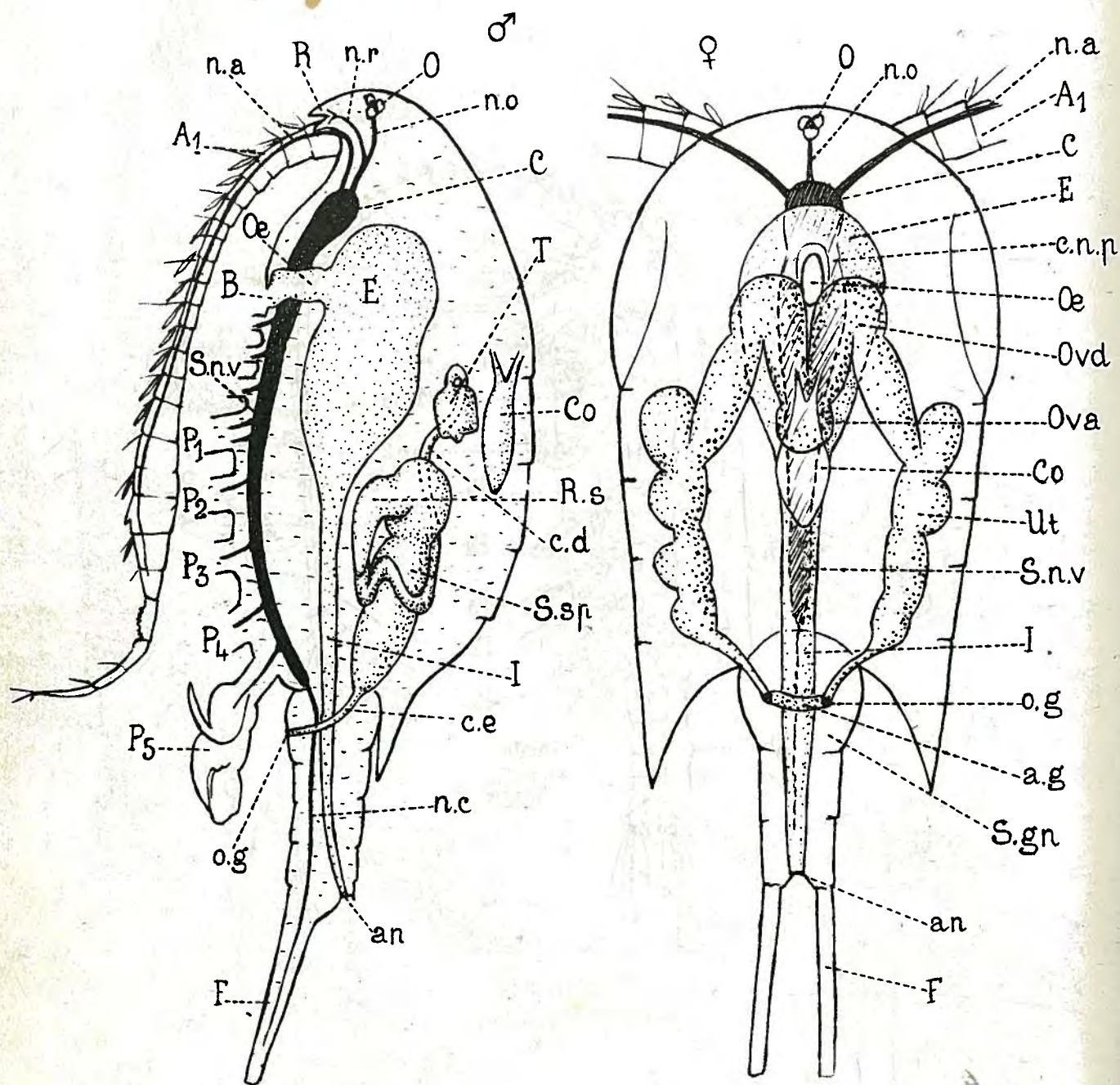
PODOPODA

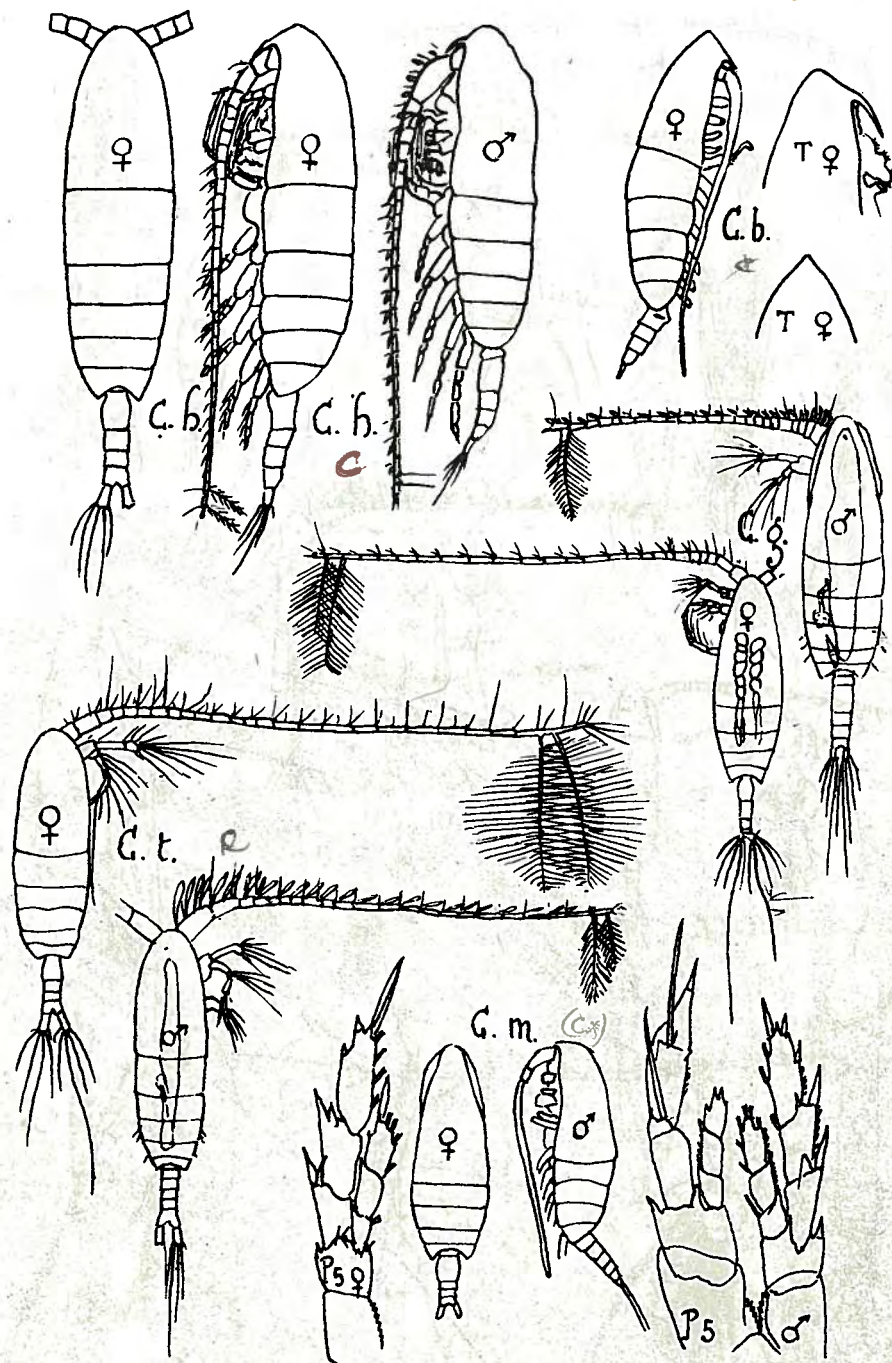
Cytheridae

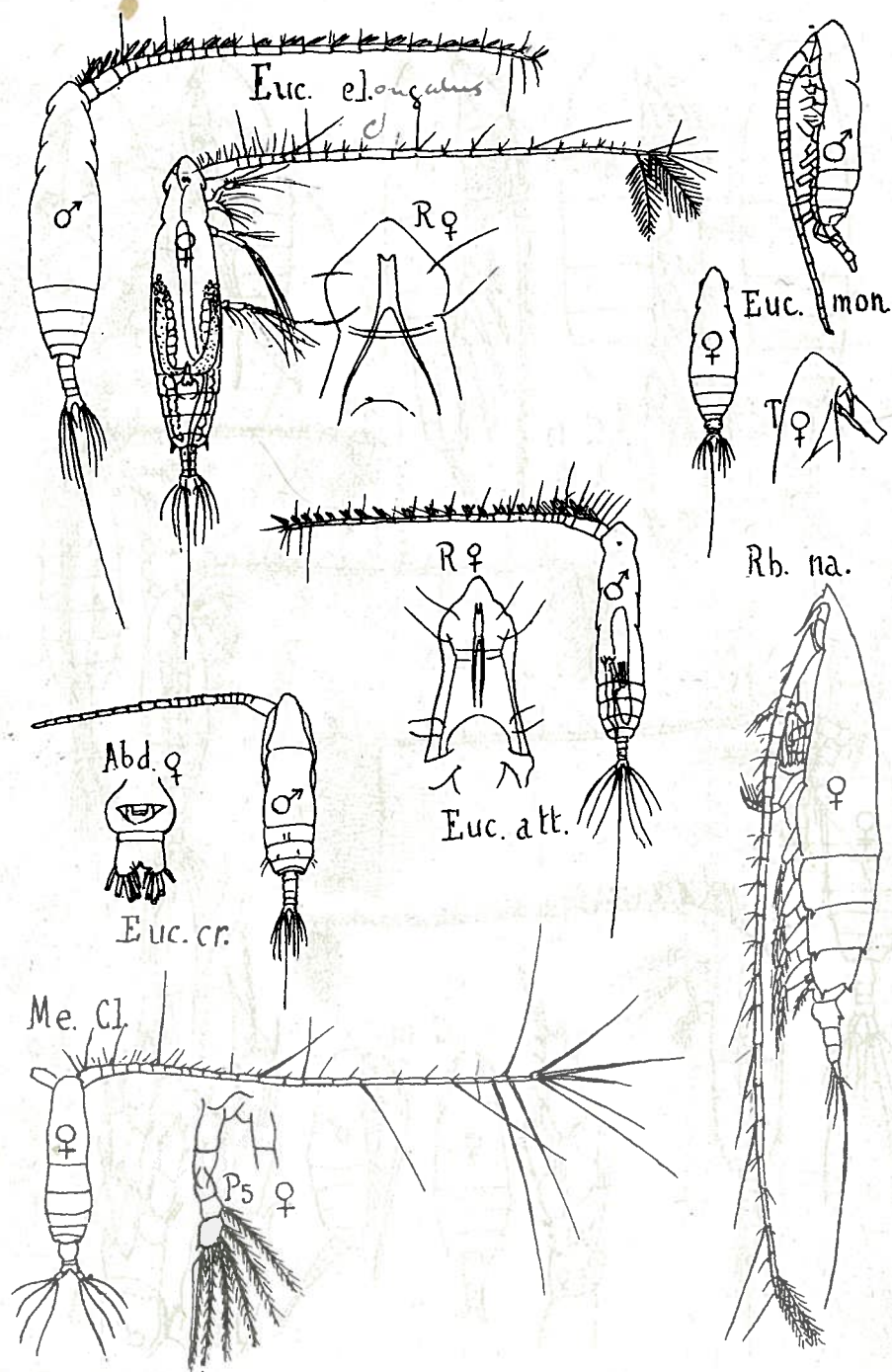
cytheridae = un x 1 (un) p₁ p₂ p₃

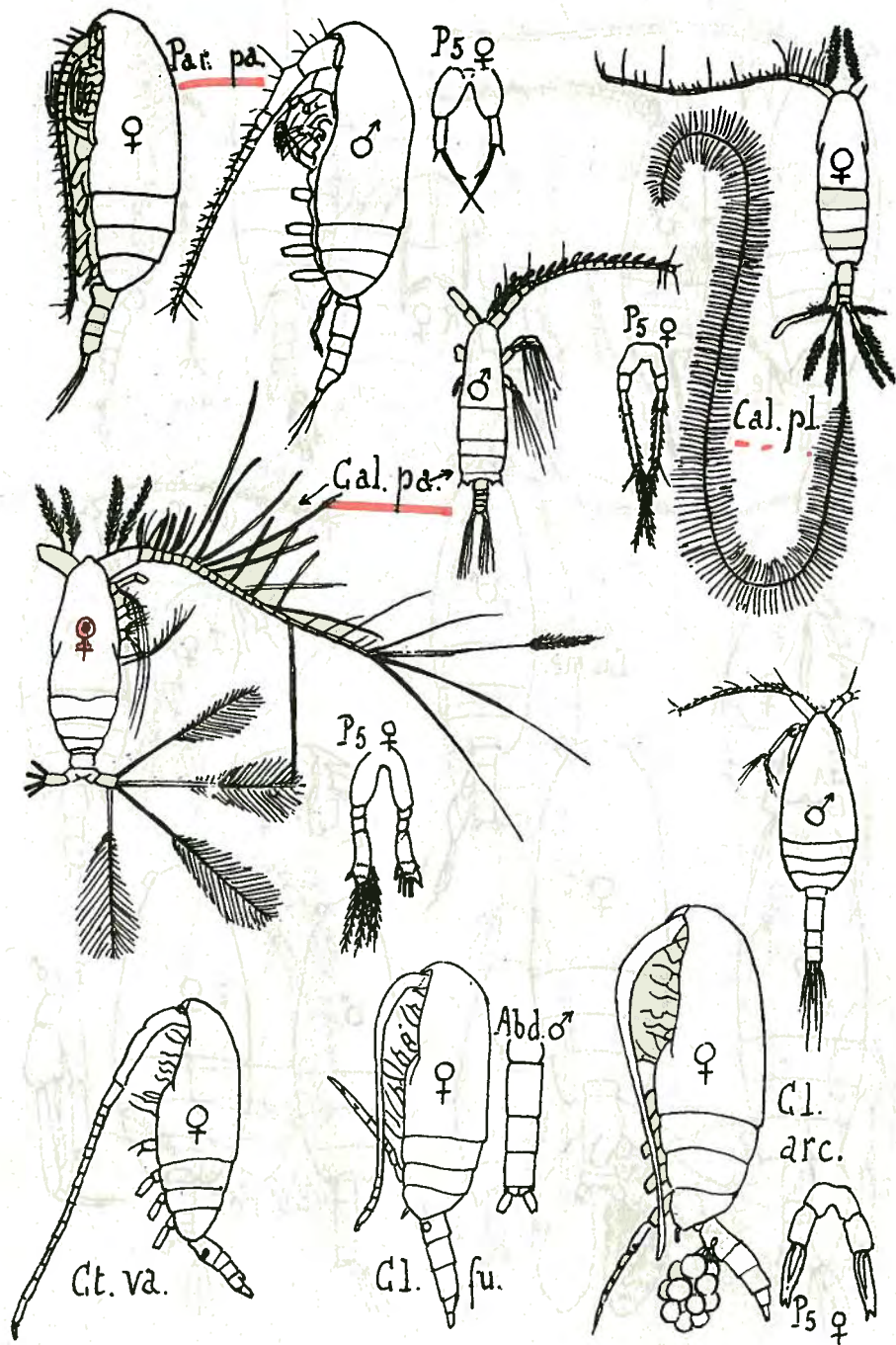


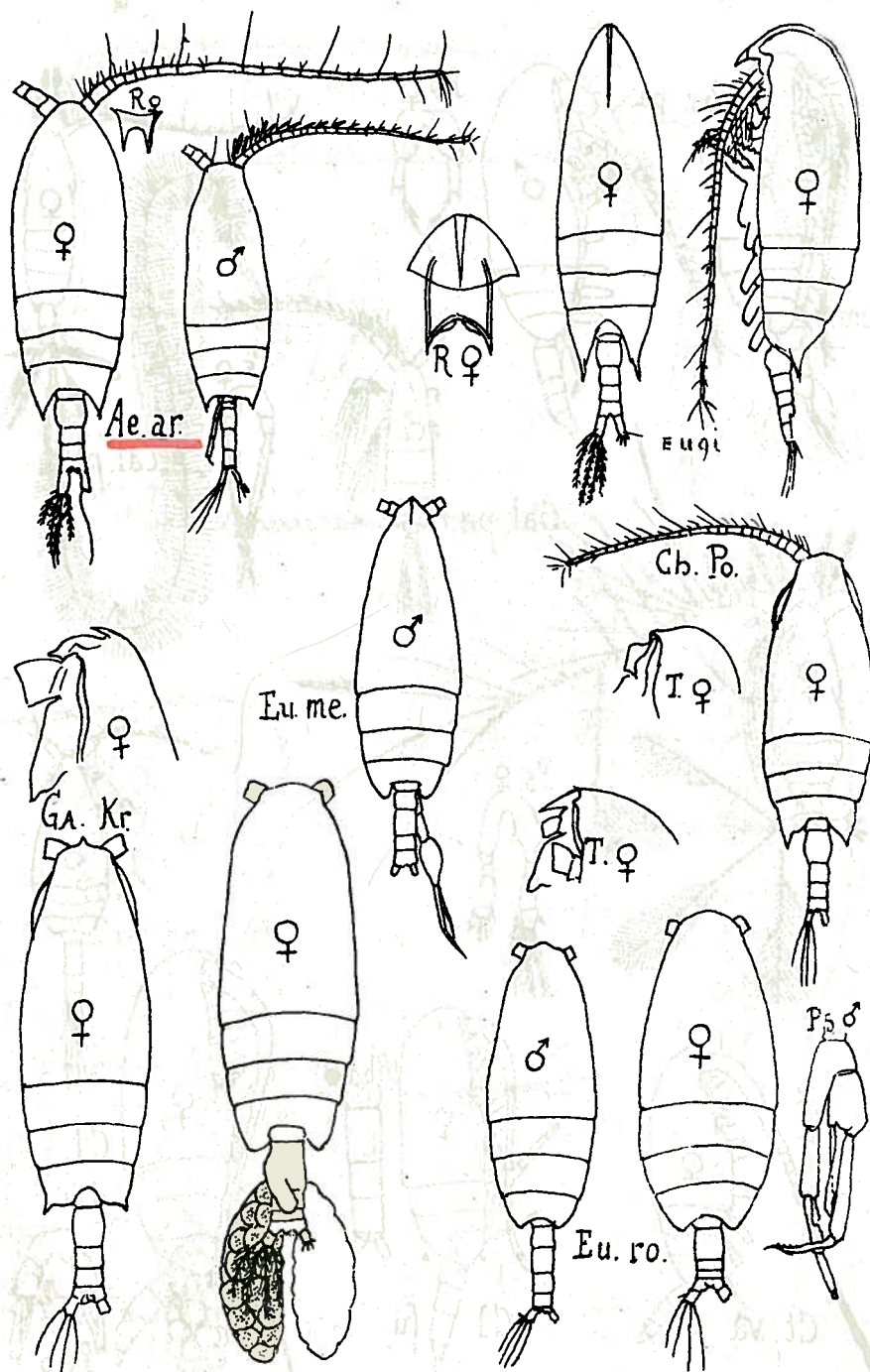


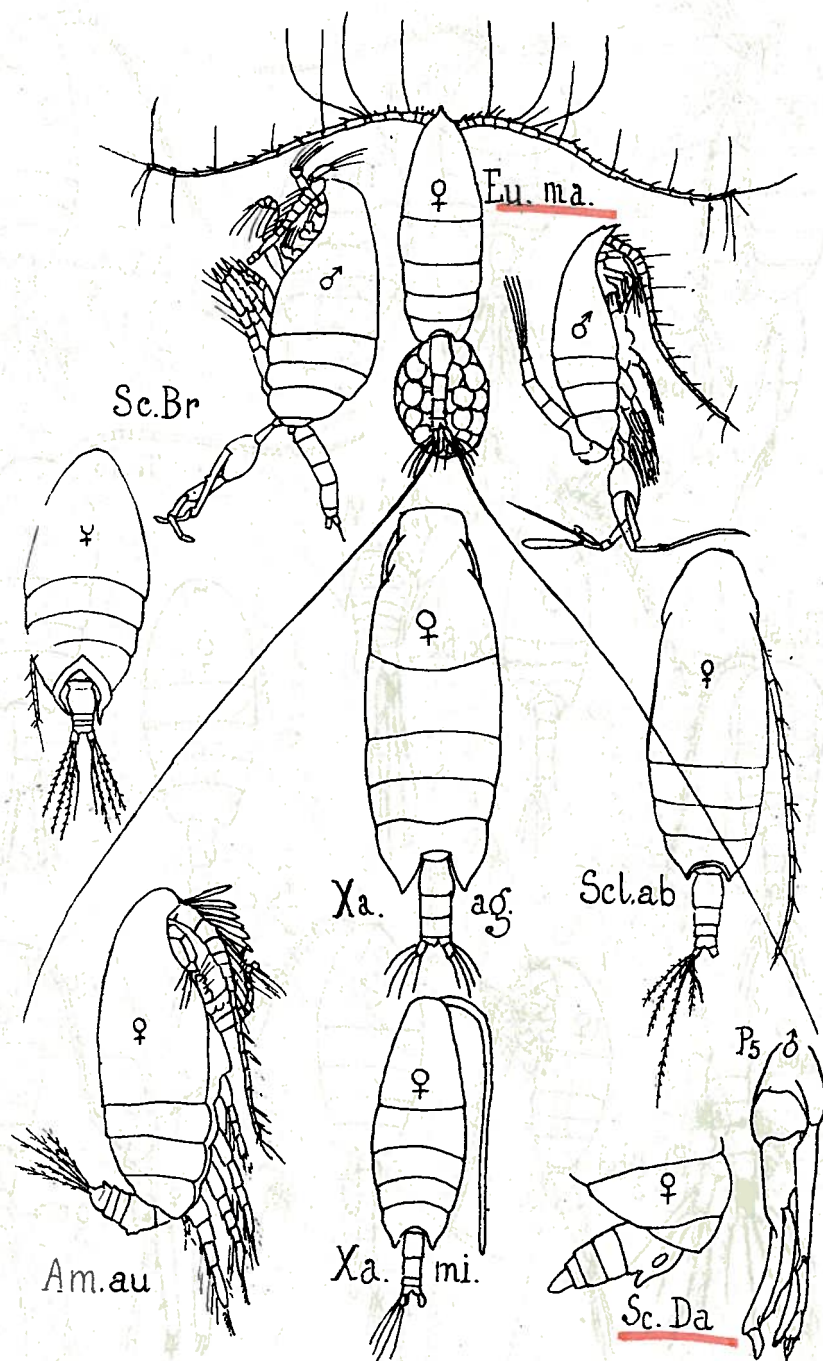


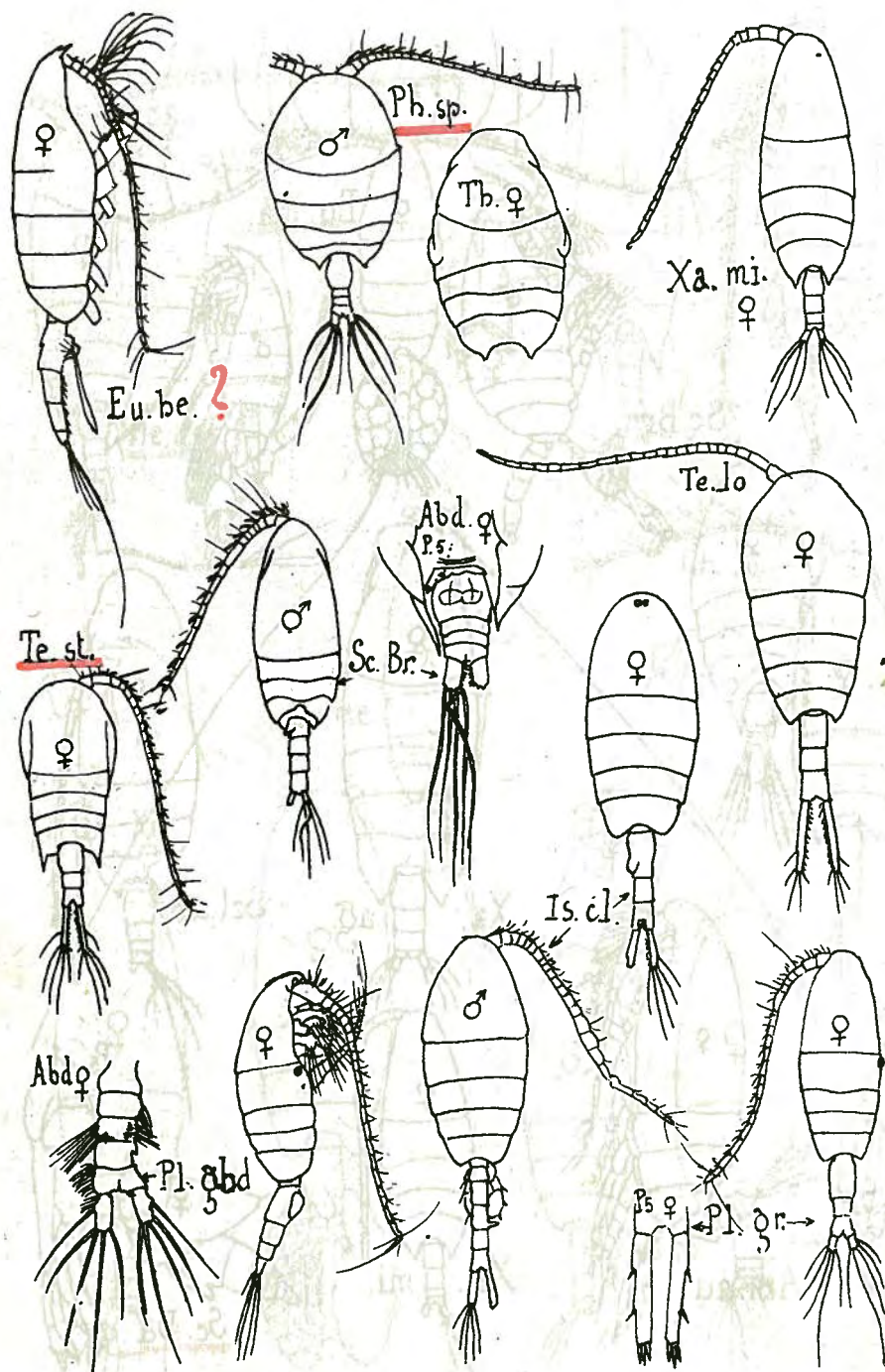


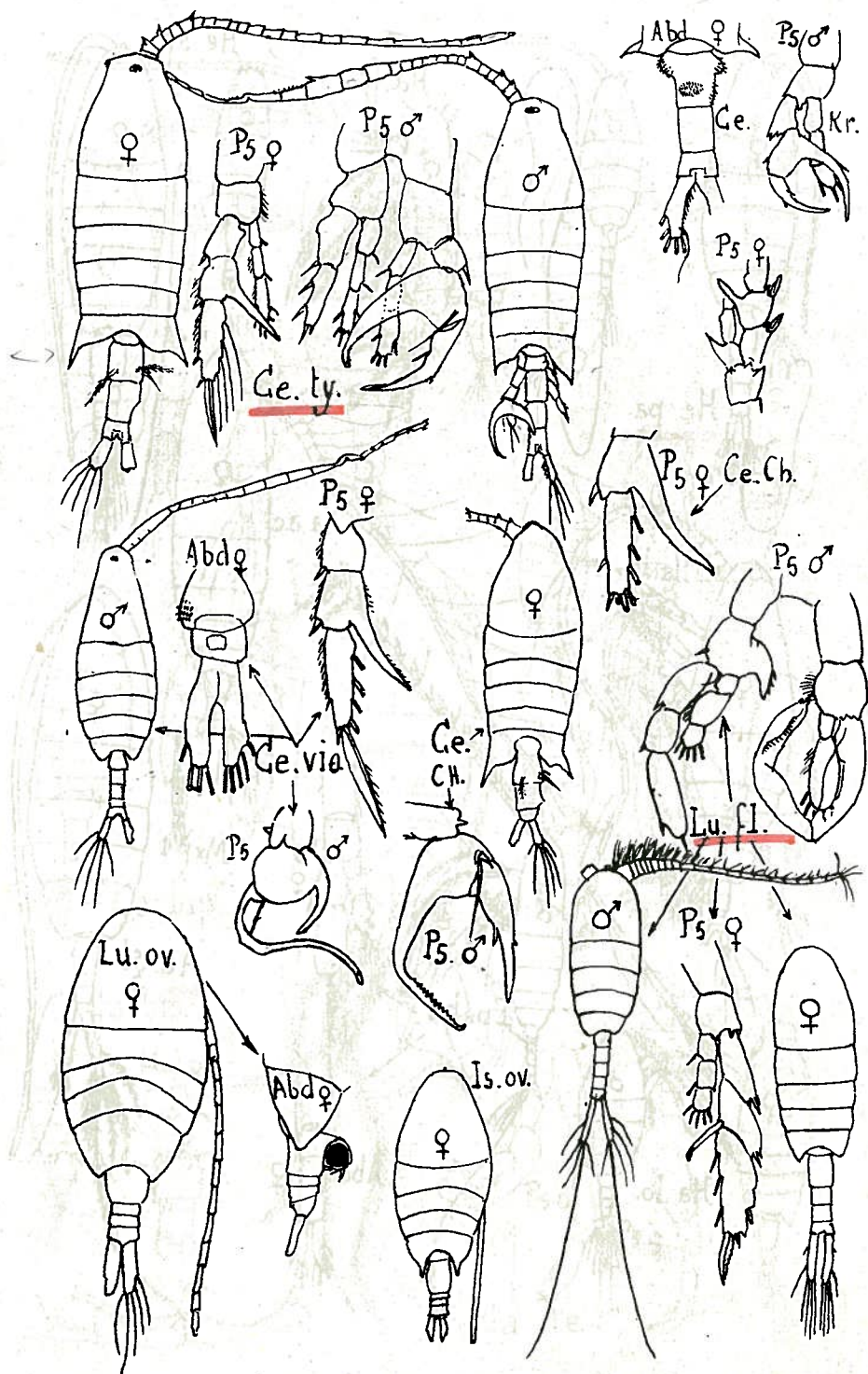




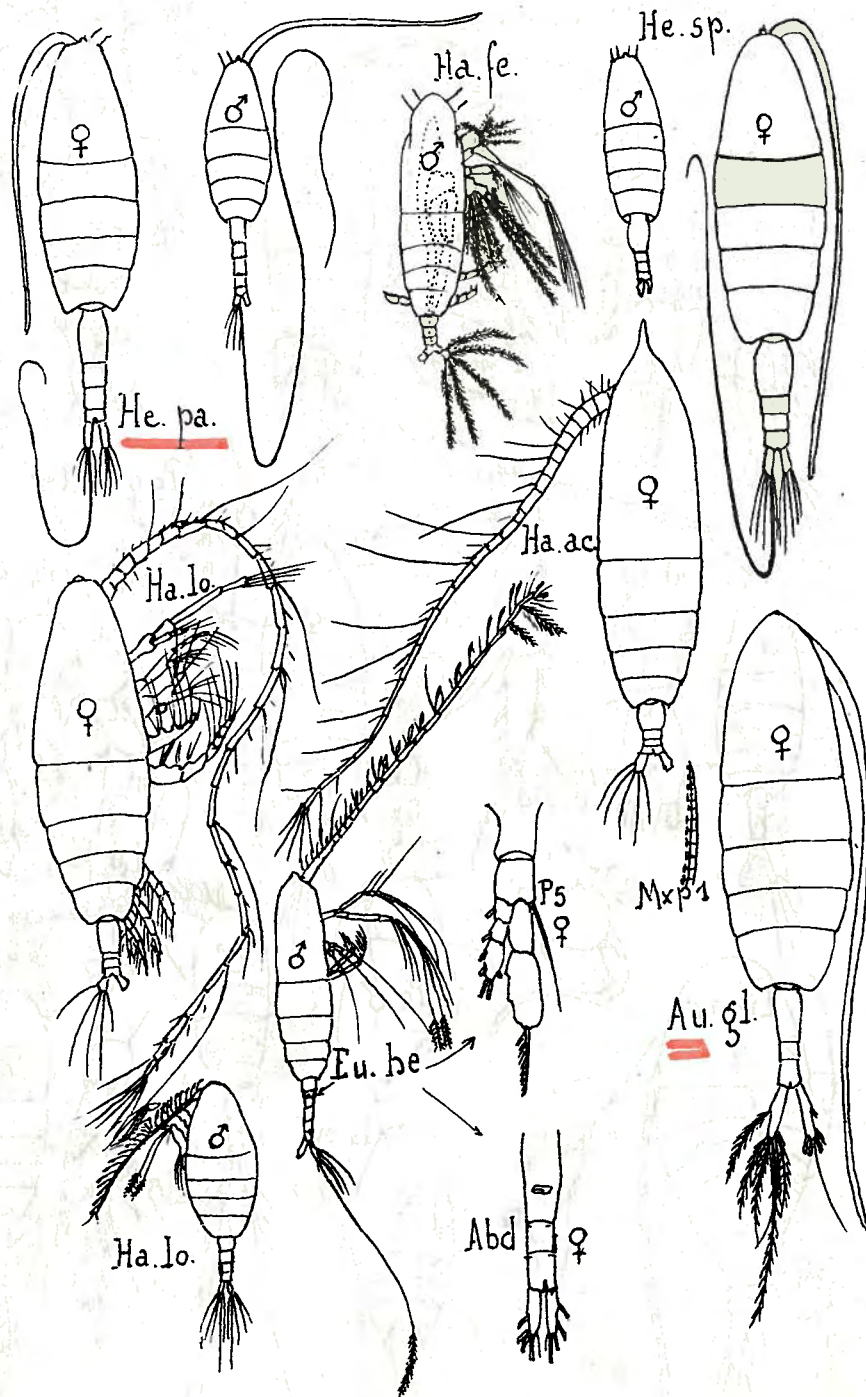


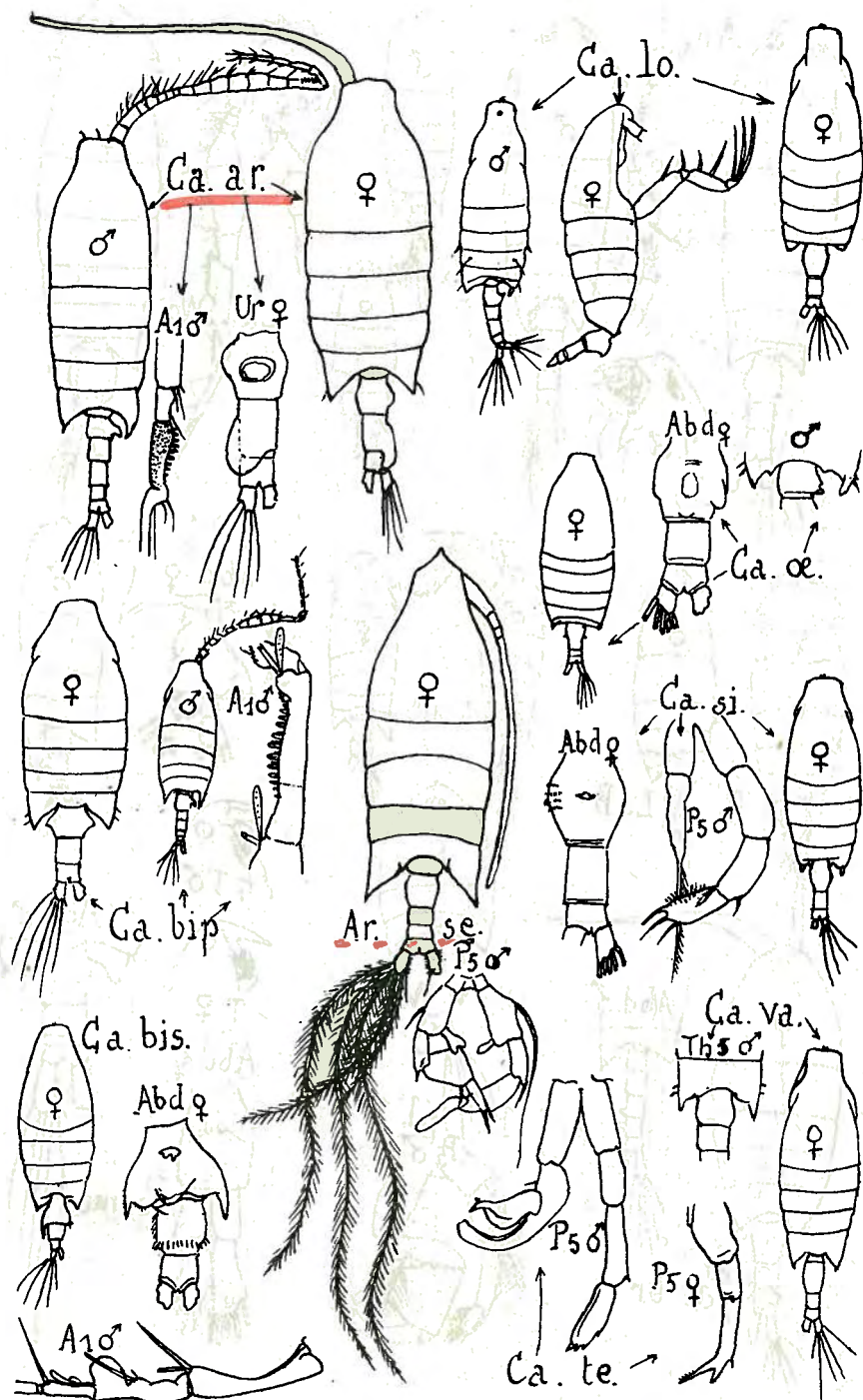


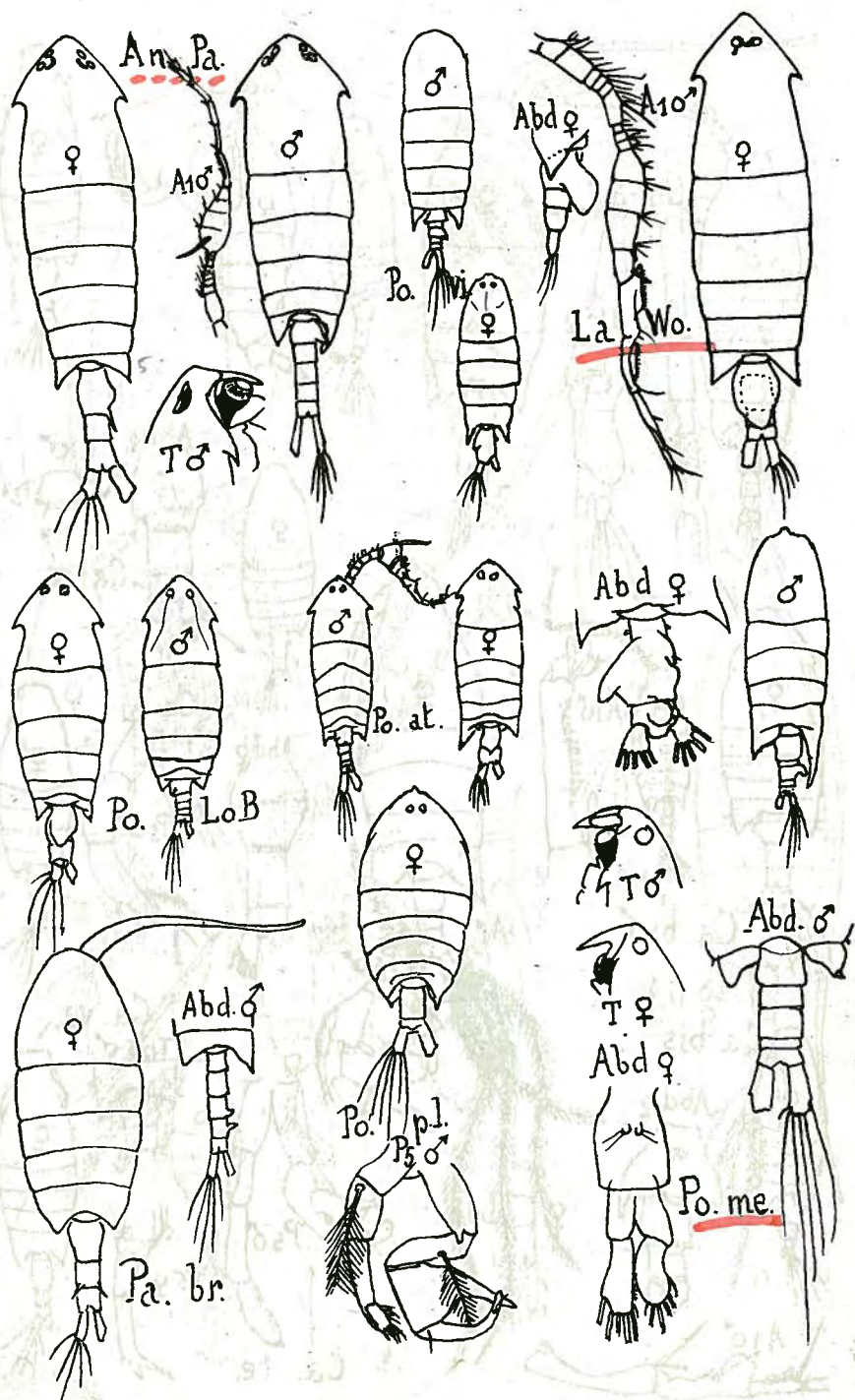


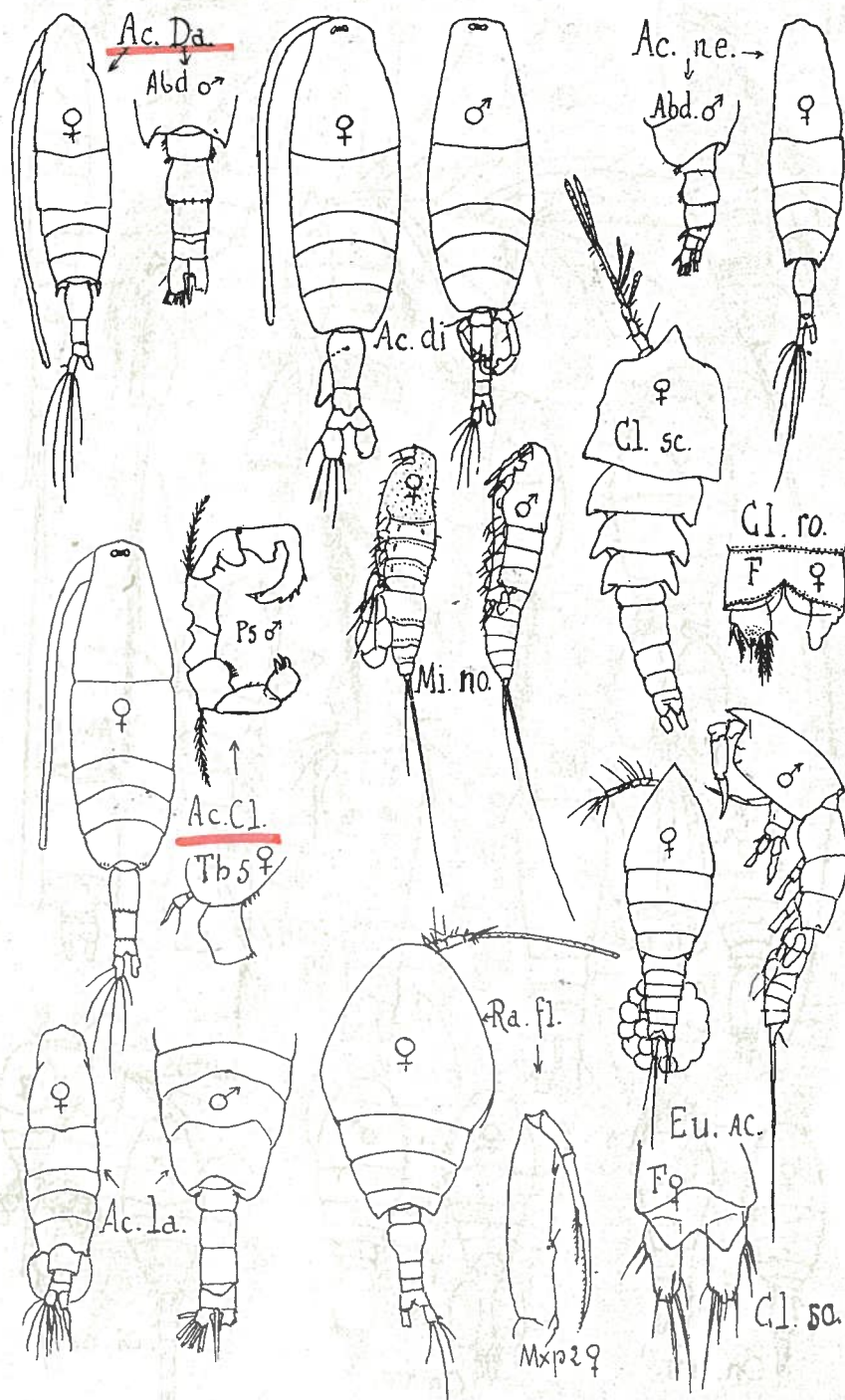


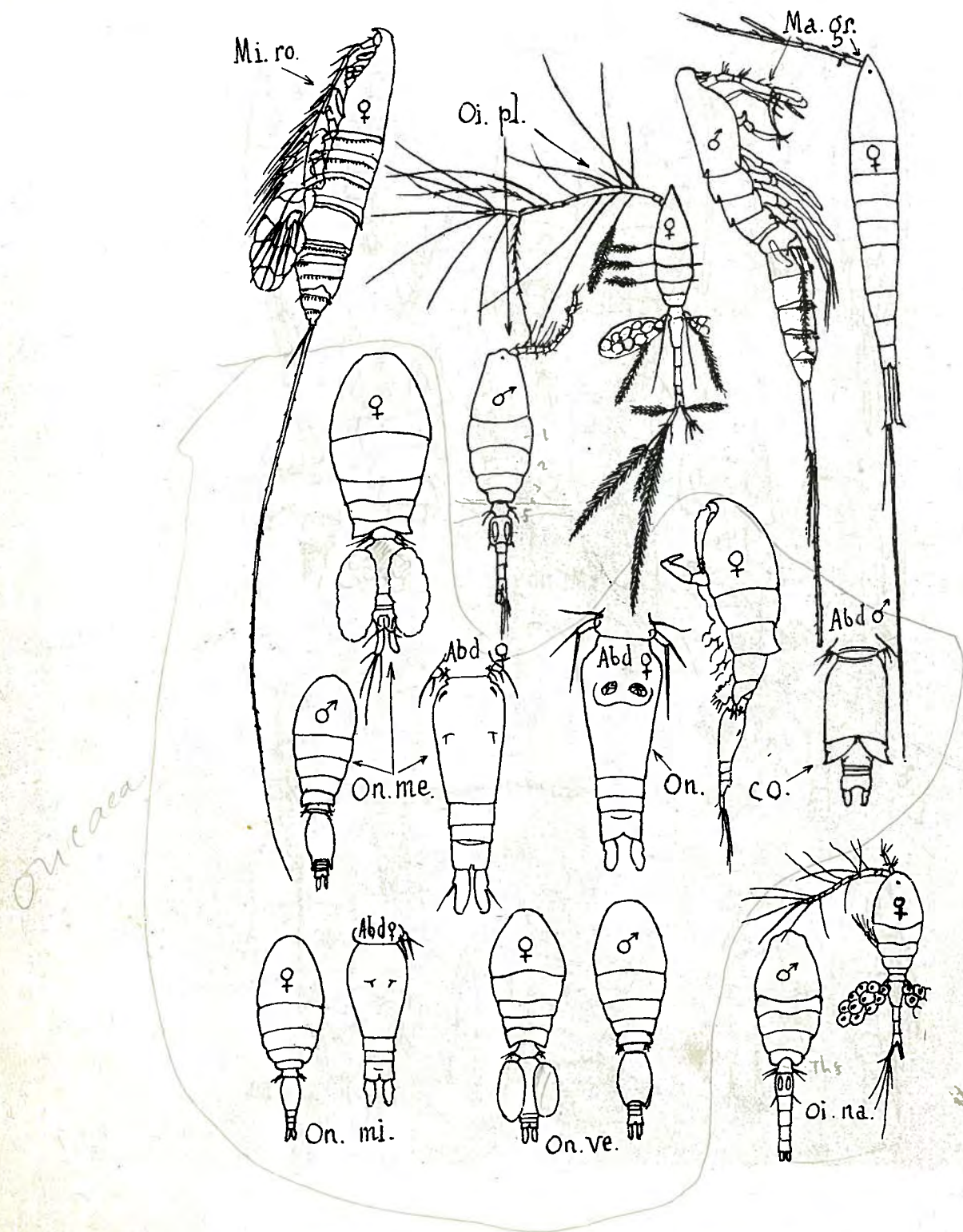
G

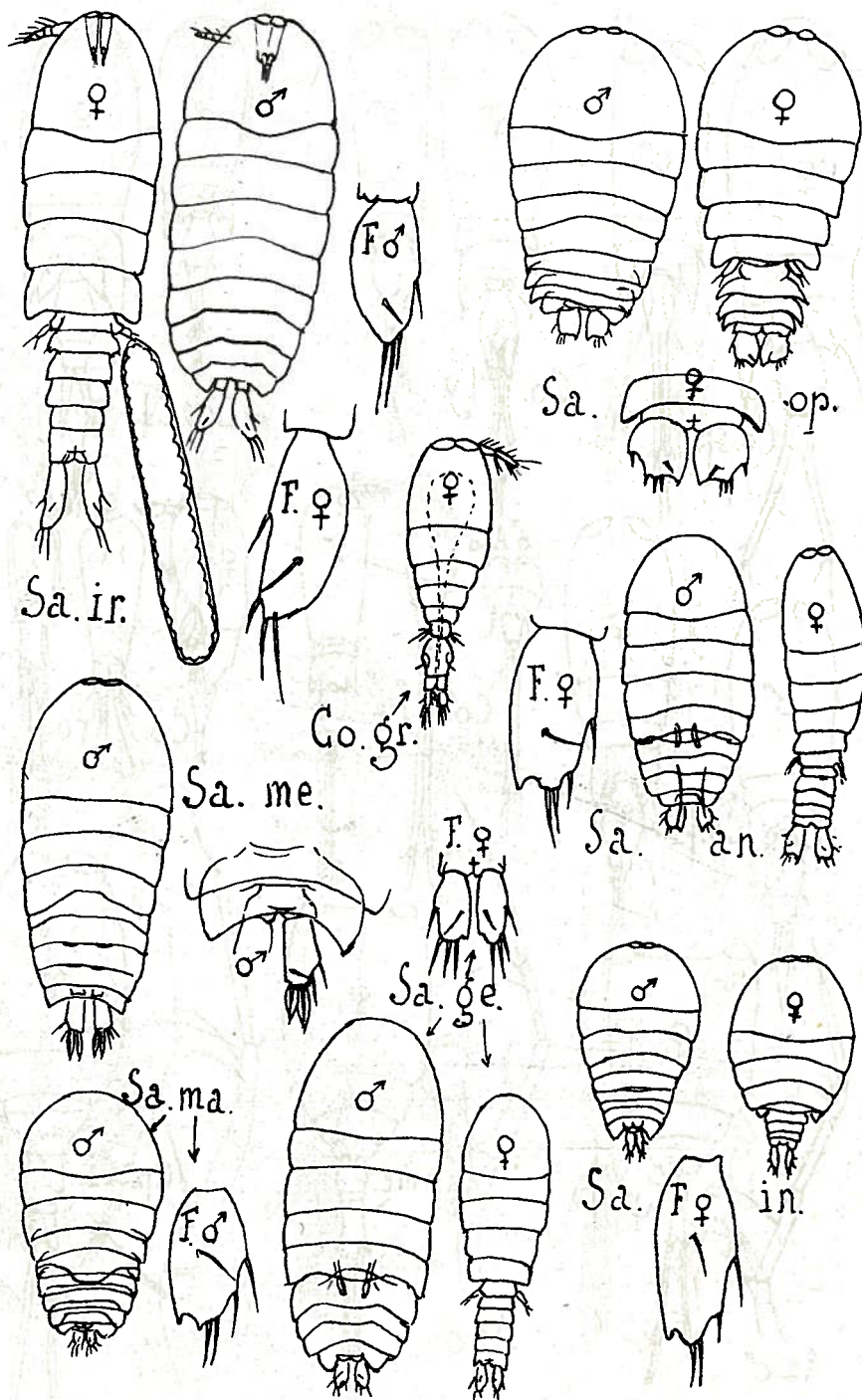


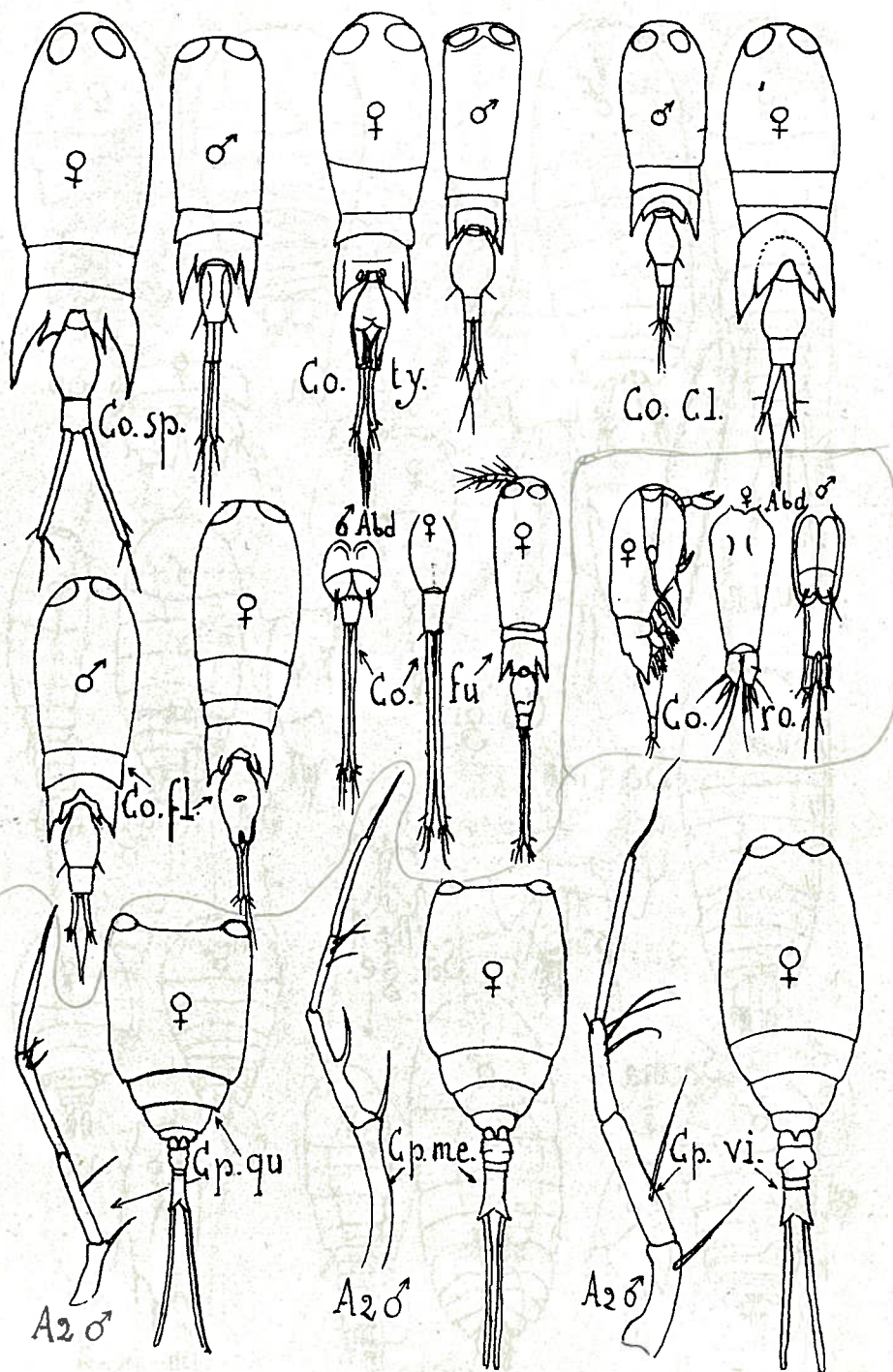


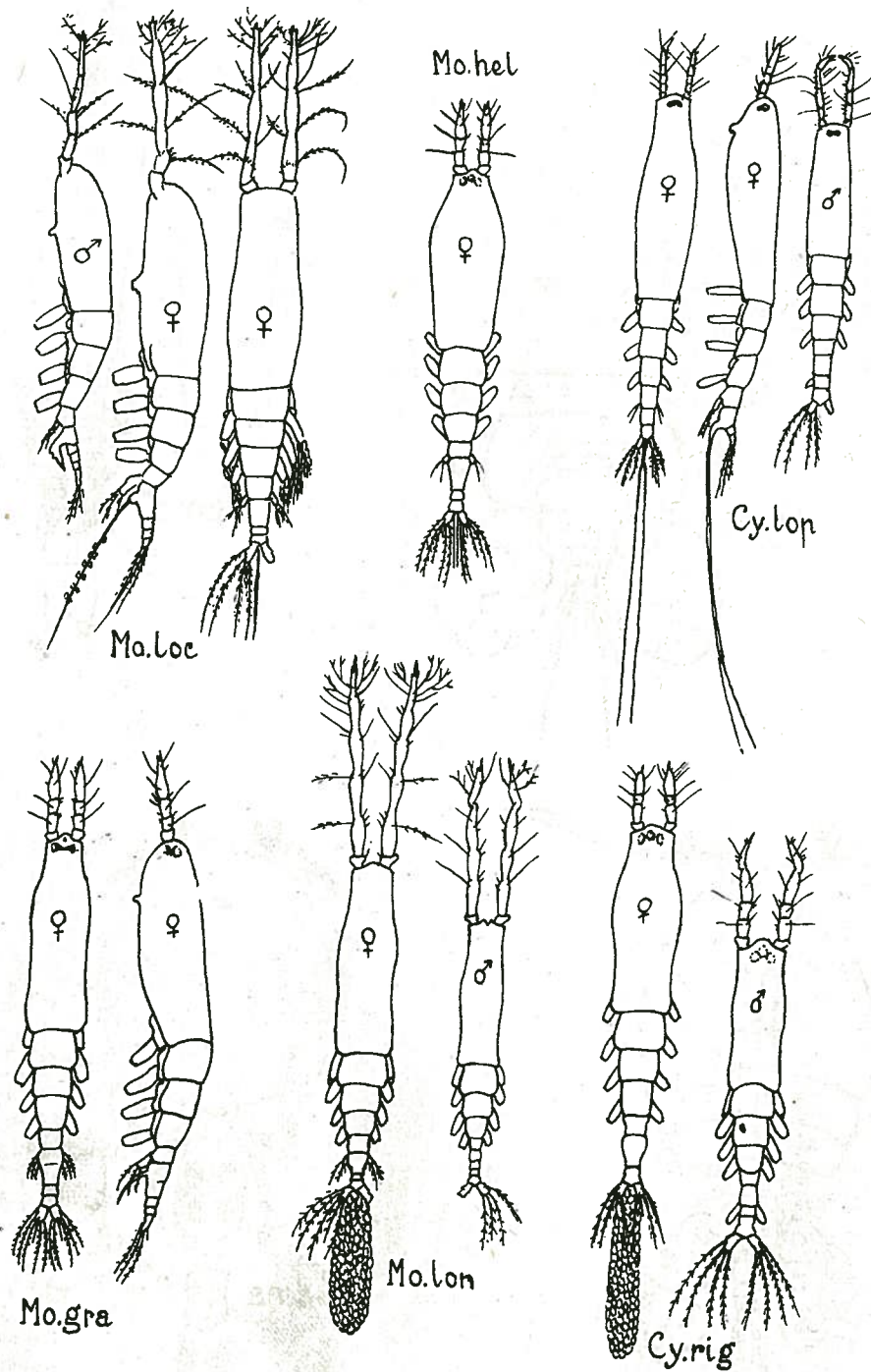


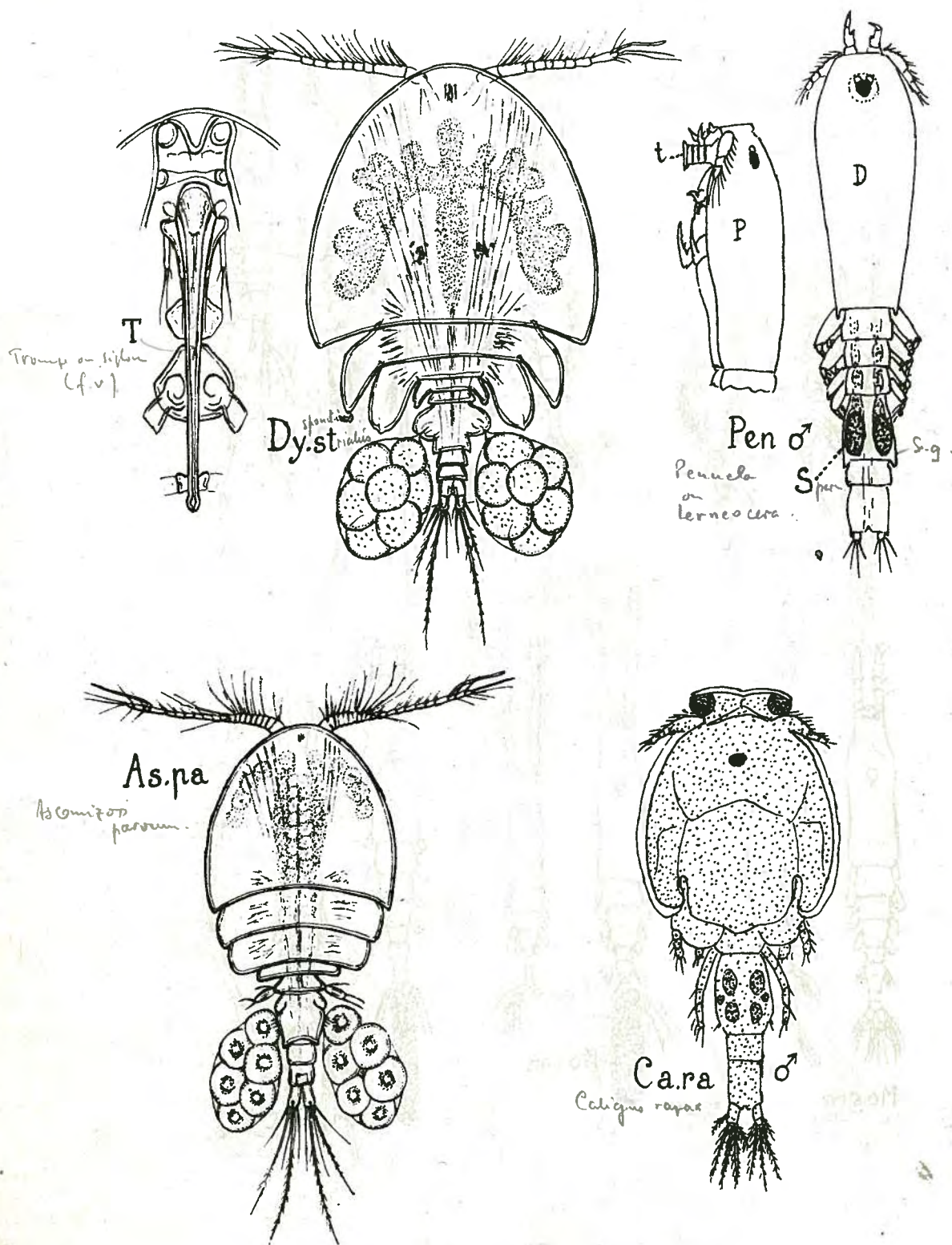






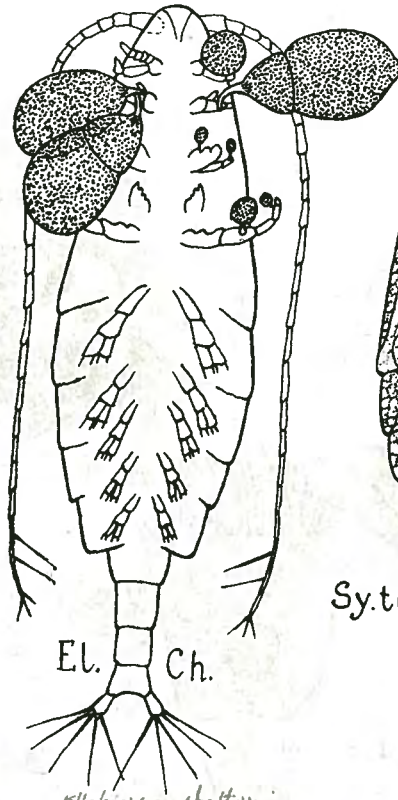






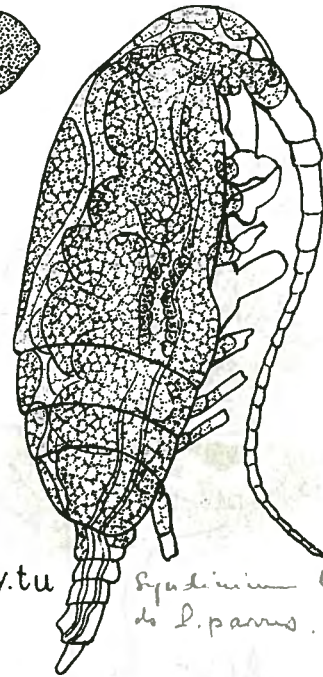


Sc.s
Schizodinium spargum
ds le T.D. de Corryelle
retirata



El. Ch.

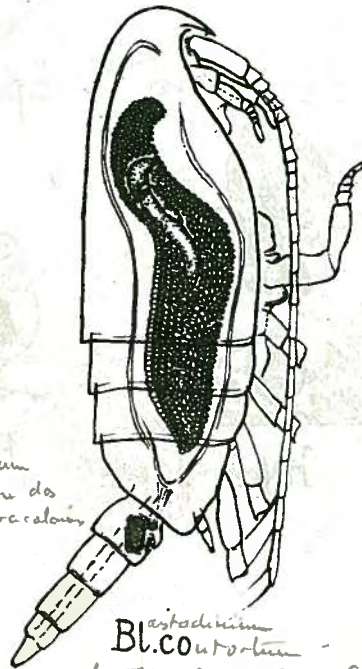
El. bispes Chatton
ms Calanus helgolandicus



Sy.tu
Syndinium turbo
ds L. parvus



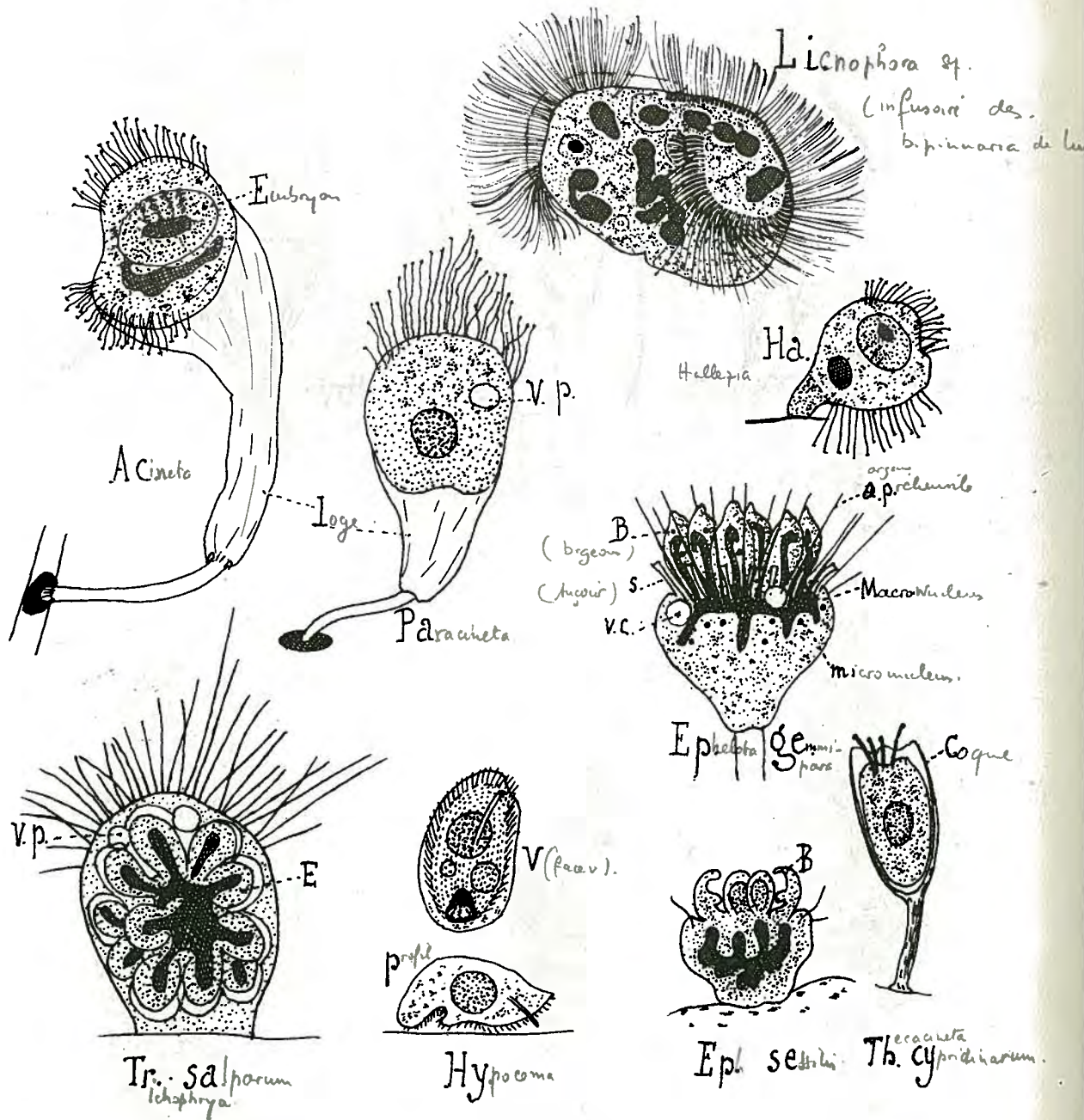
At.pa
Atelodinium
parvum ds
Calanus: Paracalanus
parvus

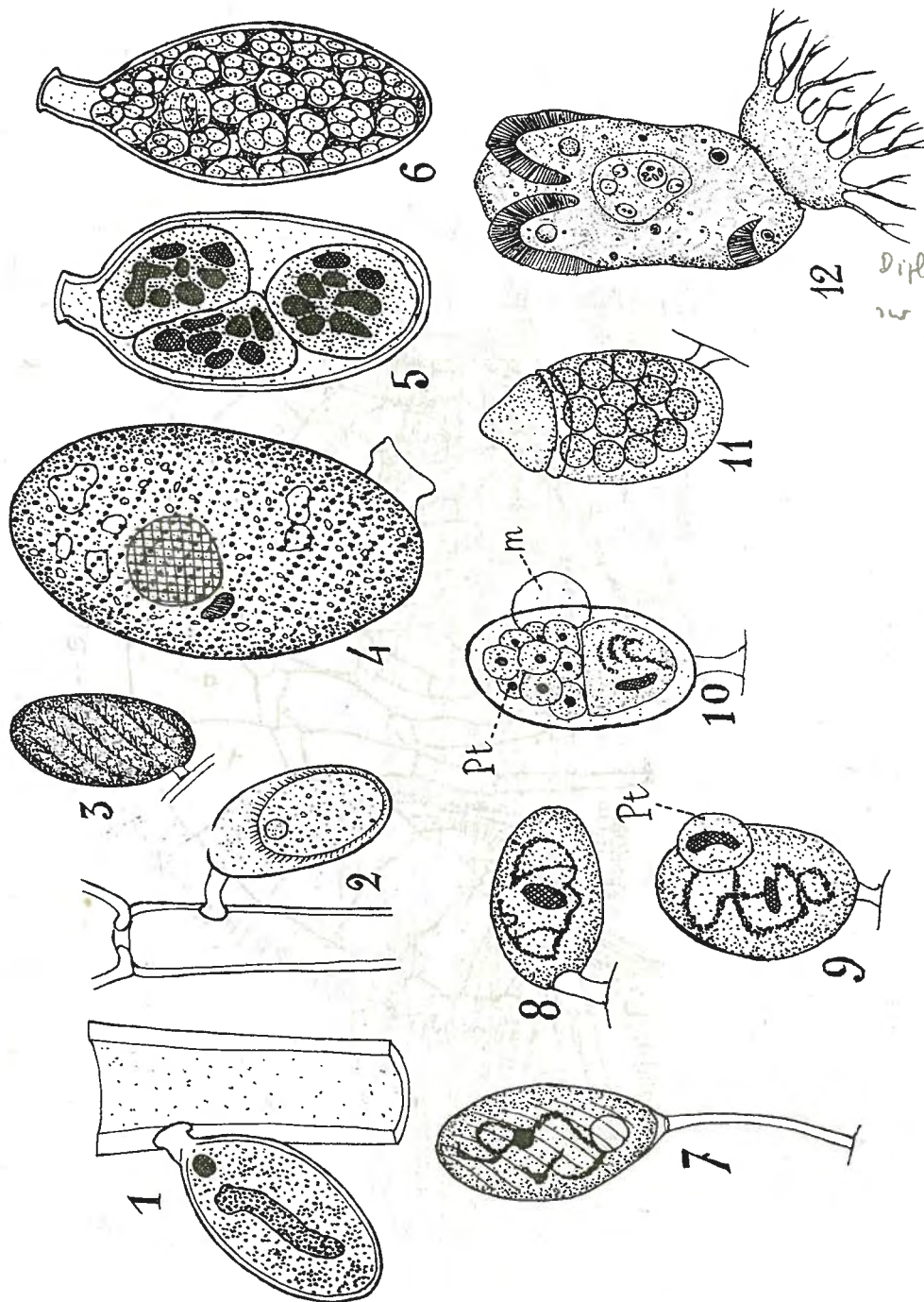


Blastodinium
ds TO claus, calanus parvus

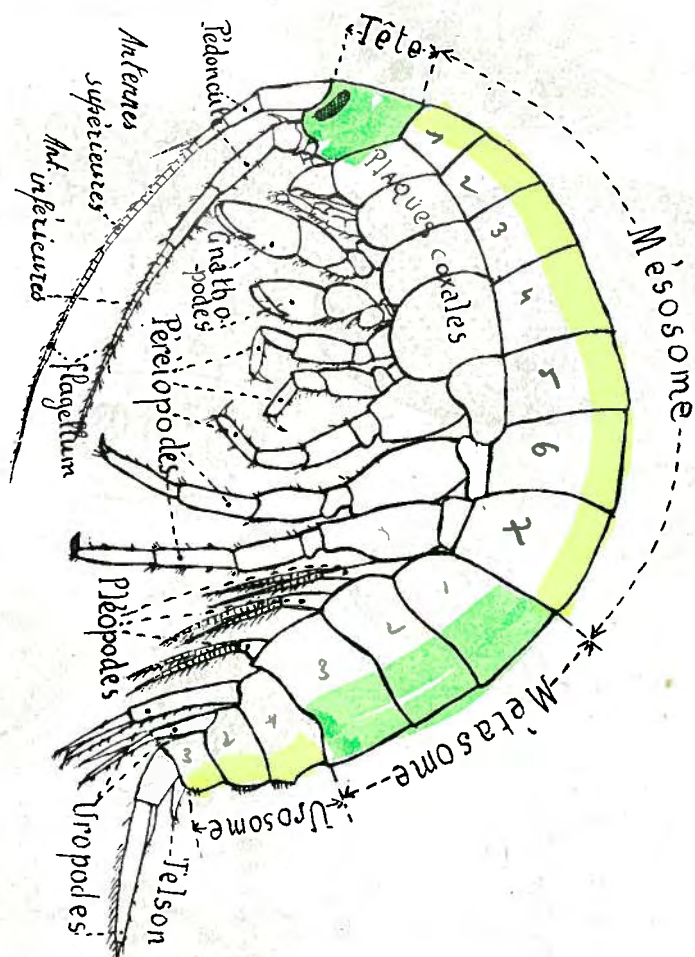


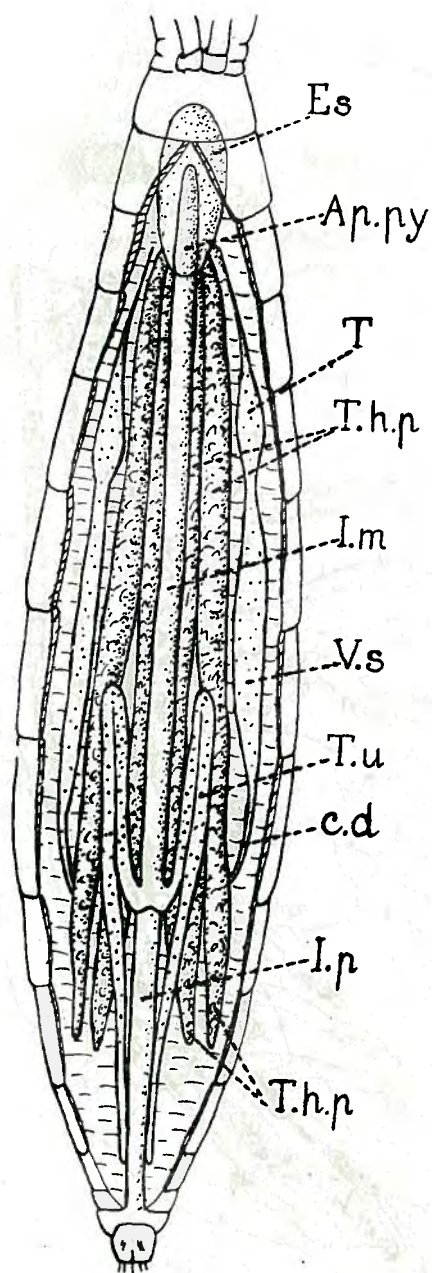
Pa.Po
Paradinium poulletii
dans le calanus d'Acute, claus.





12 *Diplomorpha paradoxa*
sur *Diploys* (*Diplomorpha*)



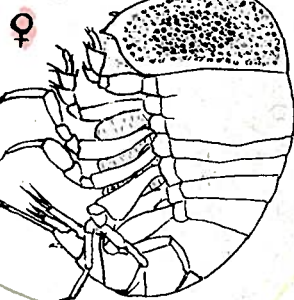


Hyperide = grossus

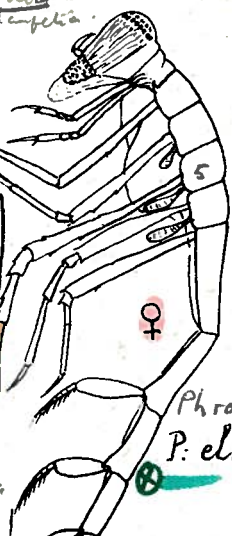
Phile

Lestrigonus schizogeneros = *Lestrigonus schizogeneros* *Phile* *Leuck. l. 192*

H. sch.
Lestrigonus schizogeneros



H. schizogeneros



Phronimella
P. elongata

4^e
pas la tête



Hyperoides
longipes
Hy. lon.

(L. levisia coarctata)



Ph. semilunata



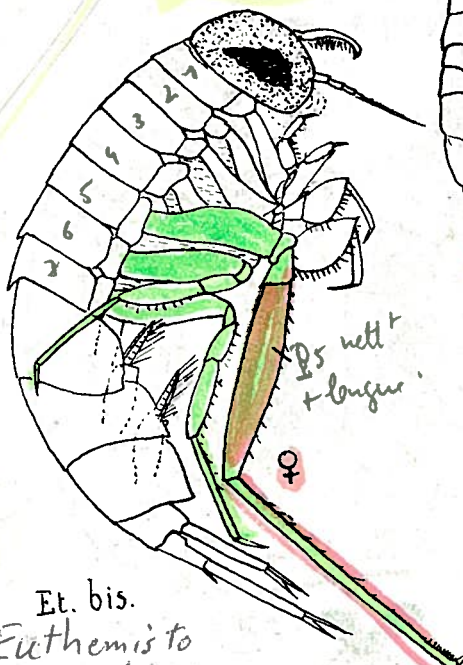
Hy. latissima



Phronimopsis
Ph. spinifera
? #2



An. Blauvillei



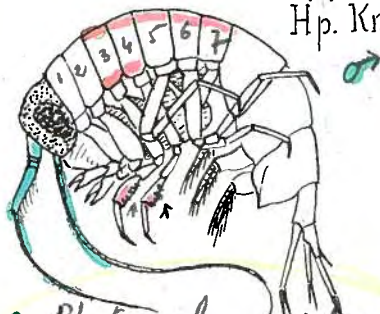
Et. bis.
Euthemisto
bispinosa



Euprimno
macropus

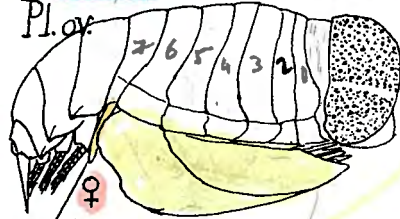
Poiss.
Atl. Nord.

Hyperoche kroyeri
Hp. Kr.



Platyseelus ovoides

Pl. ov.



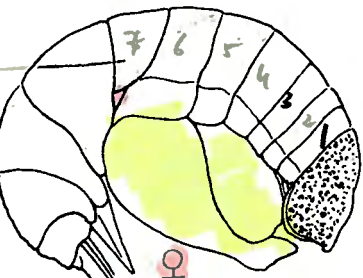
Pl. serratus

(dans Argulus)

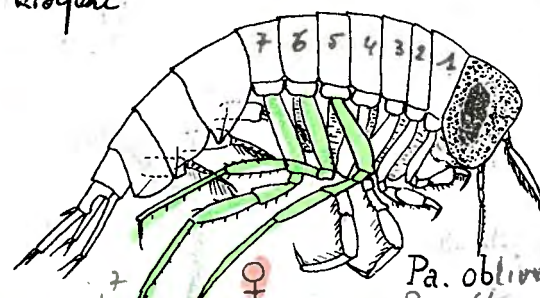


Pa. ty.

Parascelus typhoides



Pseudolycea pachypoda (Pyros.)

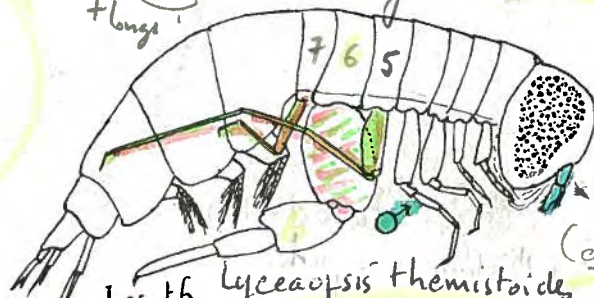


Pa. obliqua

Parathemisto

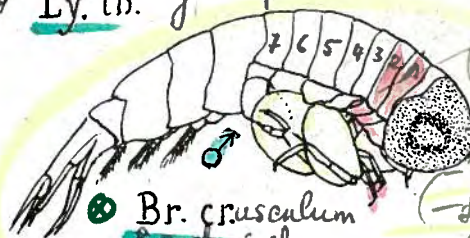
gaudichaudi (Salpa)

Prison Thon Hareng may (Pisc.)



Ly. th. Lyceopsis themistoides

(ch.)



Br. crassicauda

Brachysetella

Chel. avec dentimulations

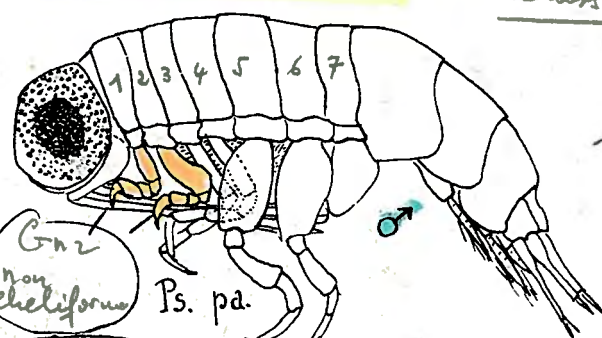
Episoma off.

Thalid. dem.

(Salpa)

Aequorea

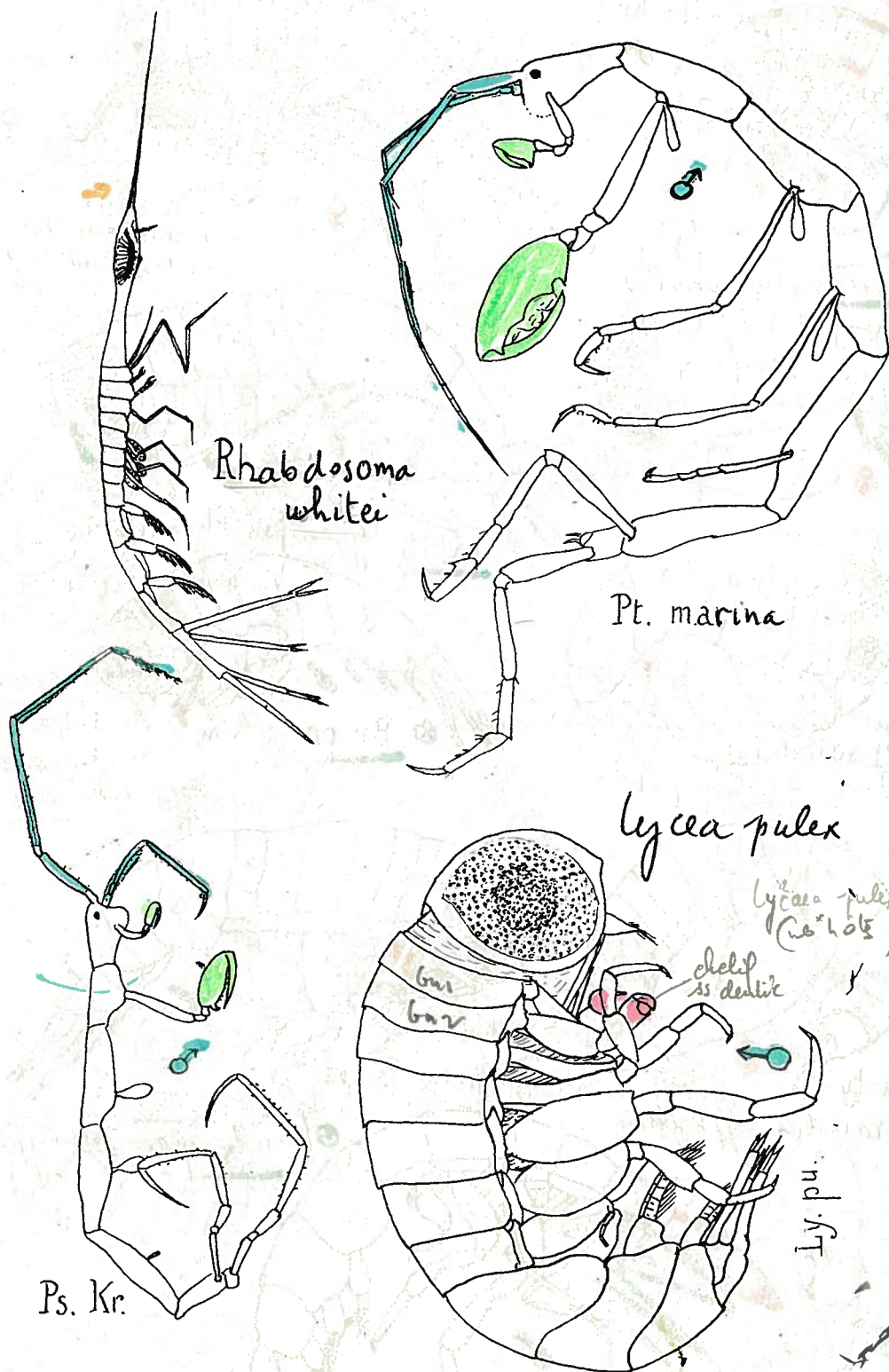
Redius subant.



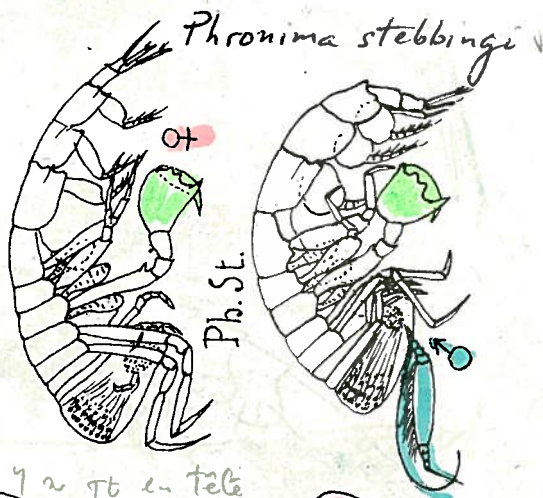
Ps. pa.

Gnz non cheliforme

GL. M.E.
Glossoccephalus milne. edwardsi
CHAPITRE XXX. Amphipodes.

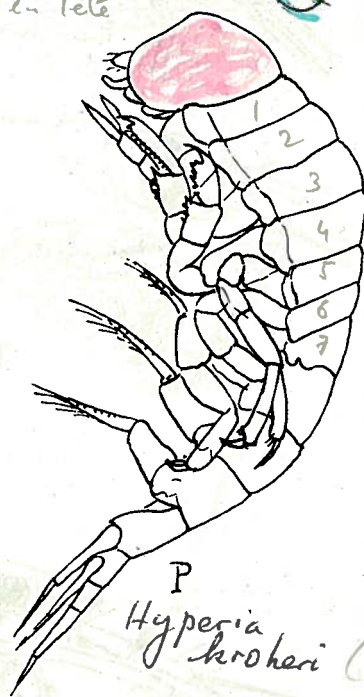
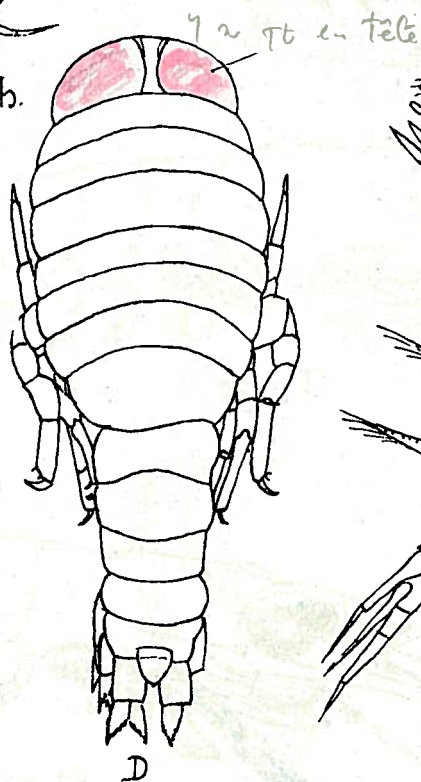
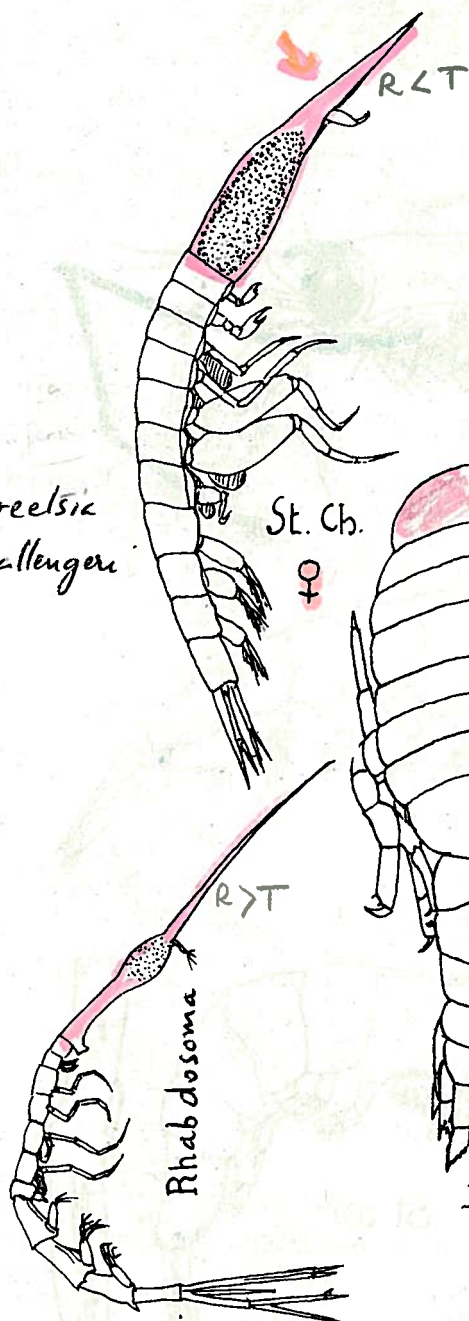


Oxycephalus picalon
(salps)



Streelsia
challengeri

St. Ch.
♀

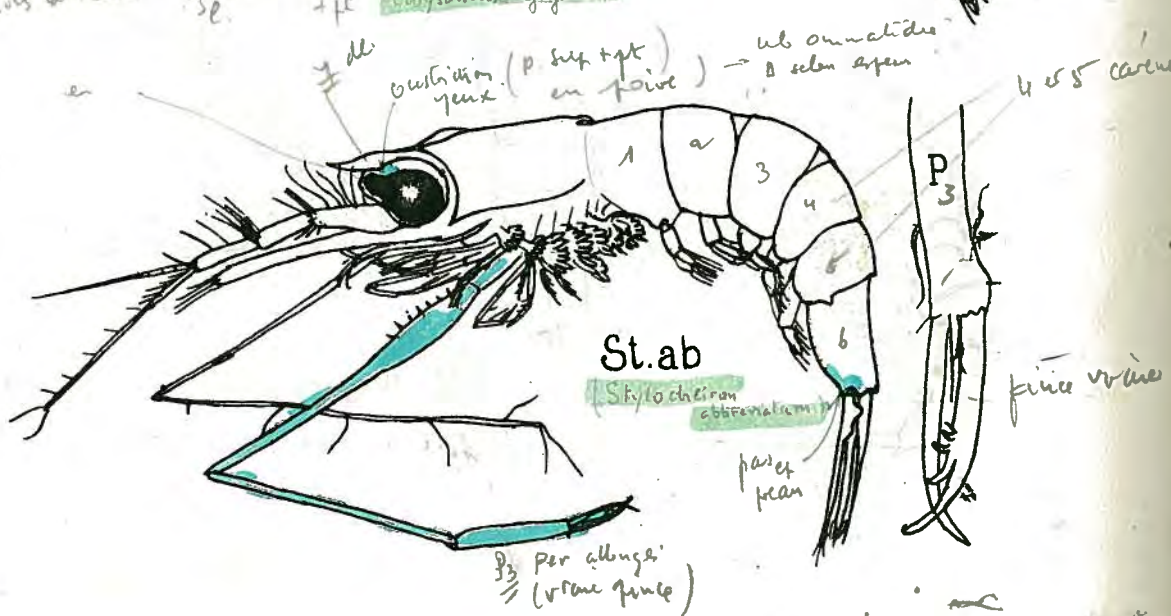
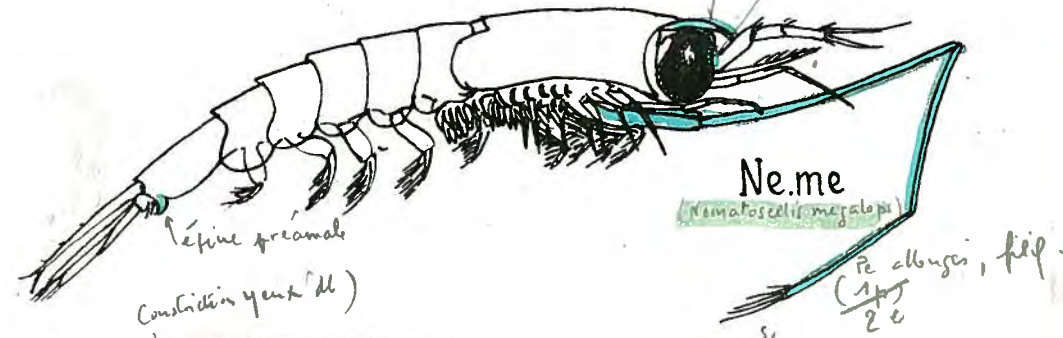
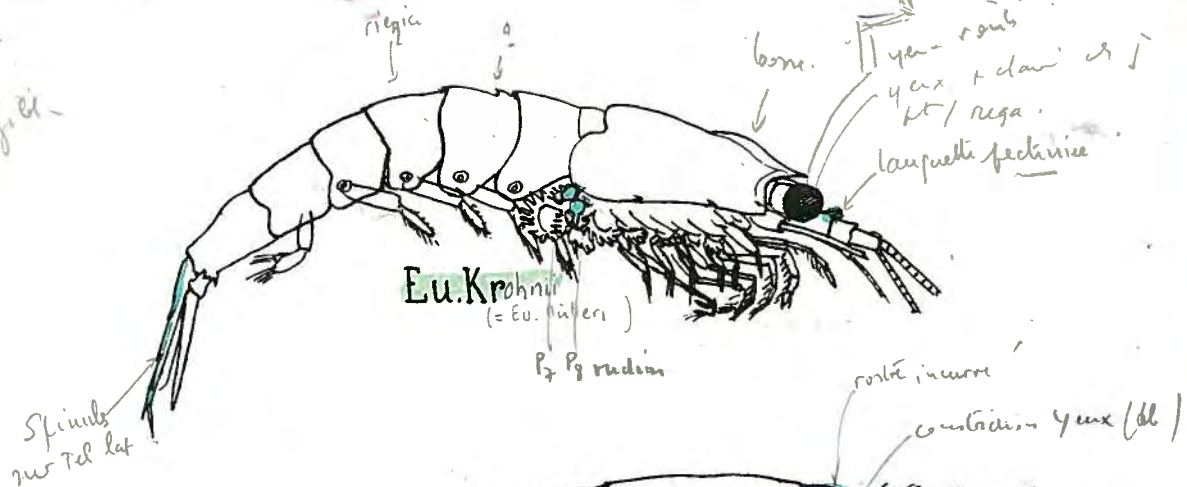


Hyperia kroheri (Berne ovata.)

Hy. me.
Hyperia medusarum?

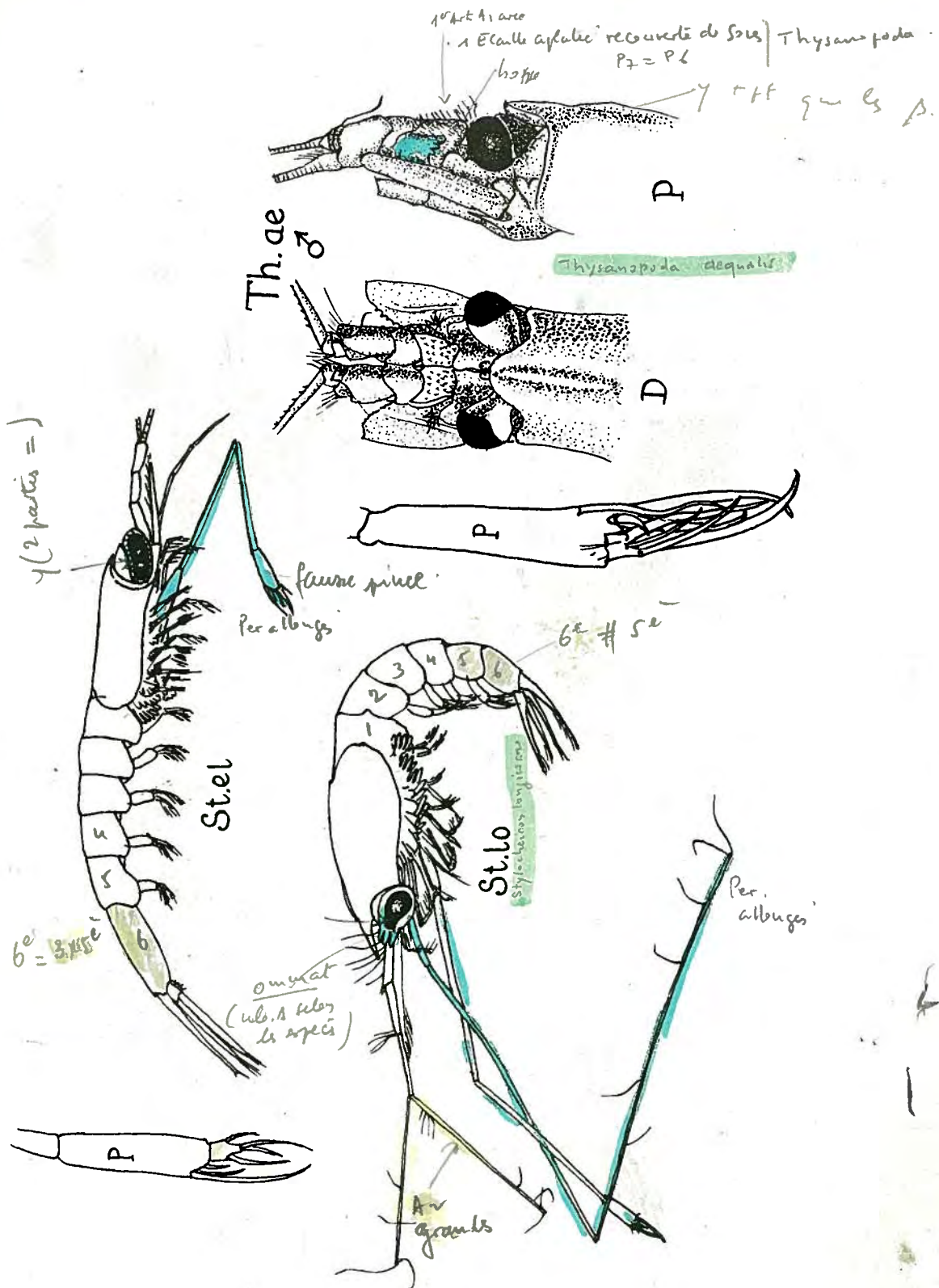
(P. 20)

Medus
- bon
- ver
- champ...

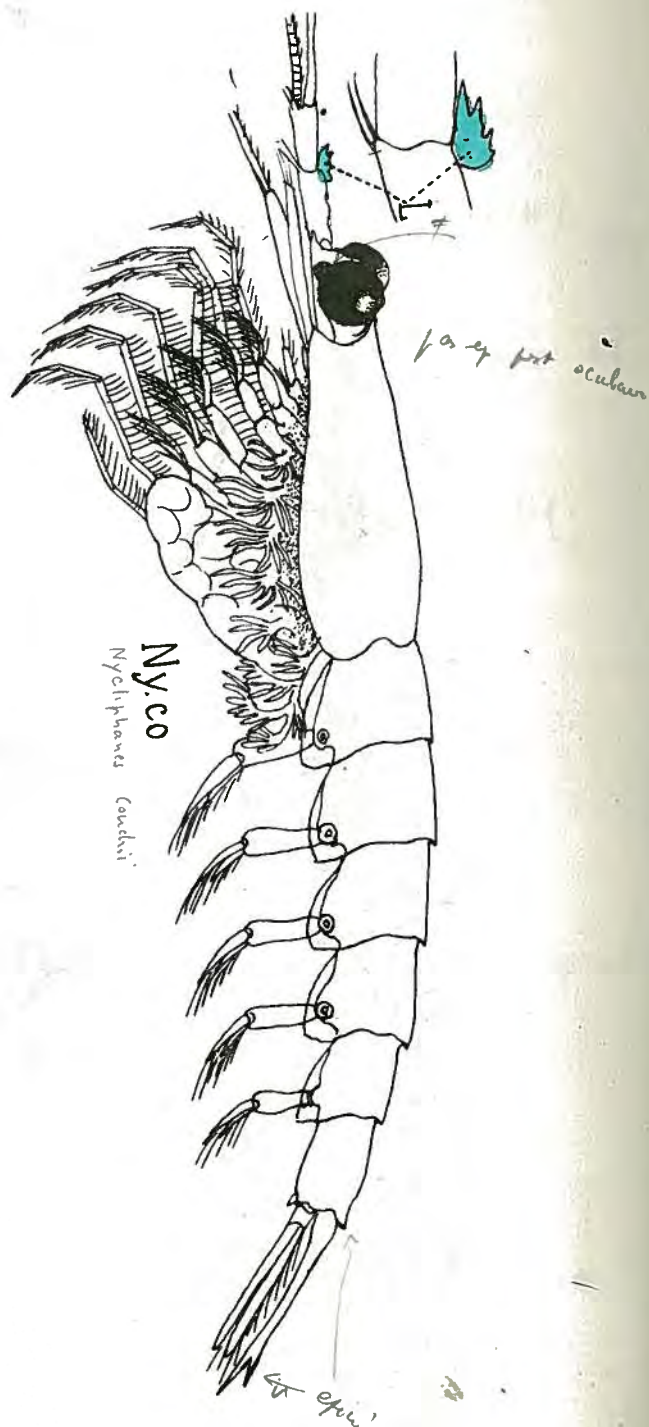
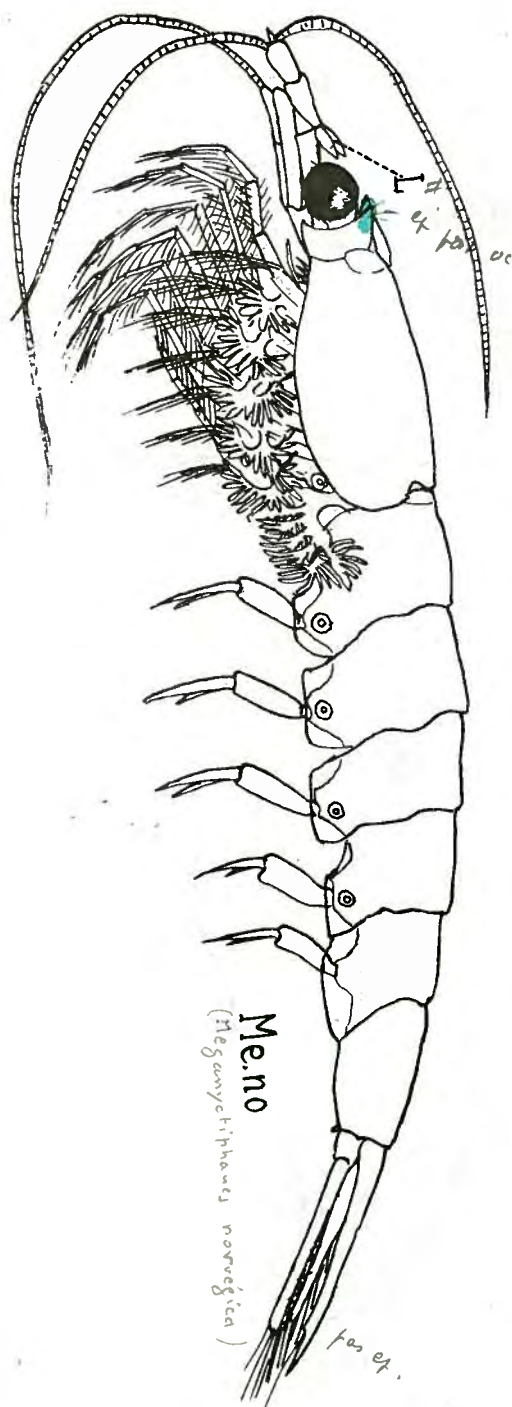


CHAPITRE XXX. Euphausiacés.

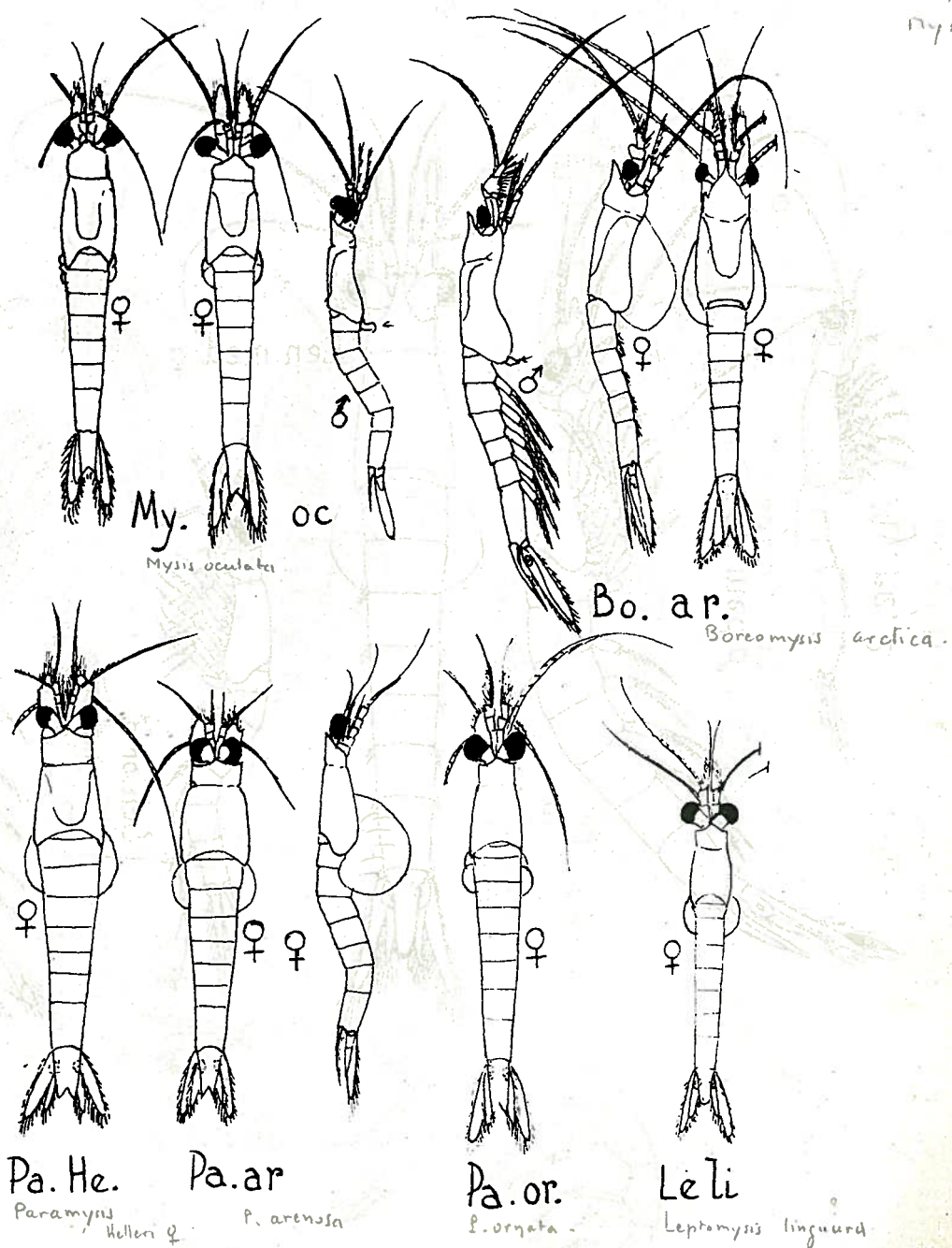
- 10 espèces et 4 abondantes
- *Nematocelis megalops*
 - *Stylocheiron longicornis*
 - *Euphausia krohnii*
 - *Thysanopoda deguelis*
- 400-1000
 2 600-400
 2 600-400



autres espèces:
- Euphausia hemigobba
- Meganyctiphanes norvegica
- Stomatopoda atlantica
- Styloceria abbreviata
- " " " " " "
Thysanoessa gregaria.

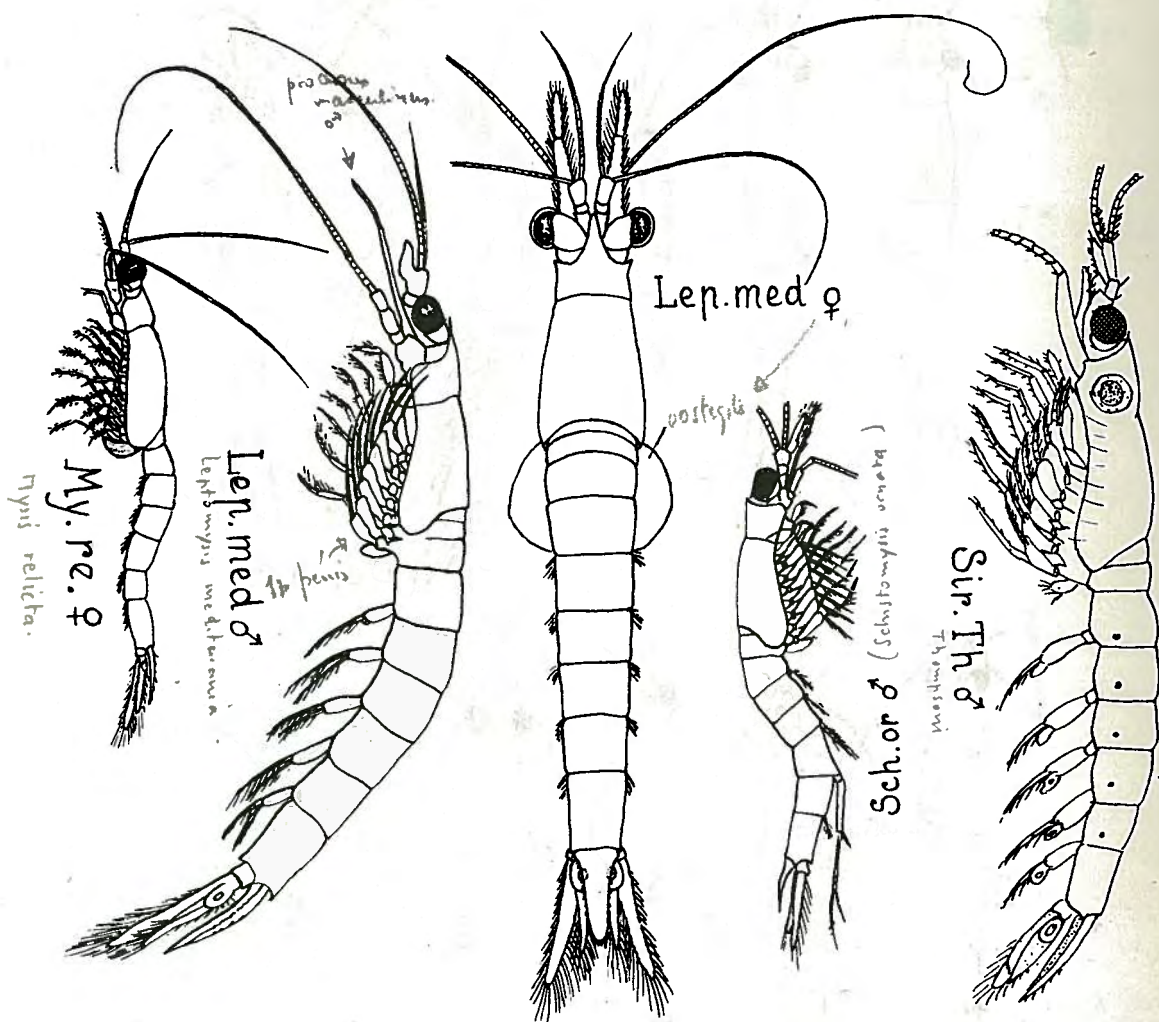


Siniella.
Leptomysis
Erythrop.
Mysis



Mysis (Siniella)

cf. Fiches id. Zool (n. 13477 -)



Mysida (Stato of U + v +
ps. sr. ramif.)

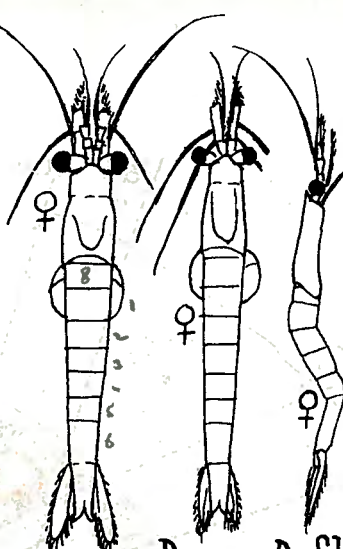
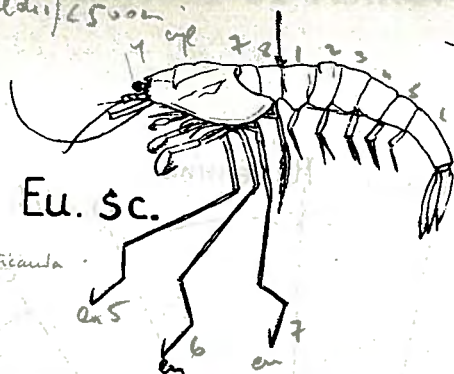
or Mysid

redit (E. ... Grimaldii) 1500m

Frontal ...
Telson long
yema ...

Eu. sc.

Eucopia sculpticauda



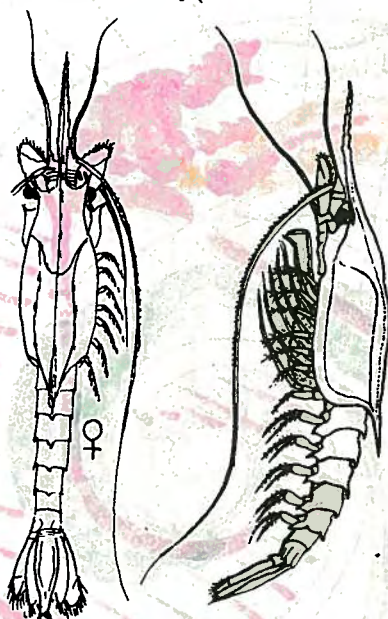
Pr. in.

Pr. ne. Pr. fl.

Praunus inermis

P. neglectus

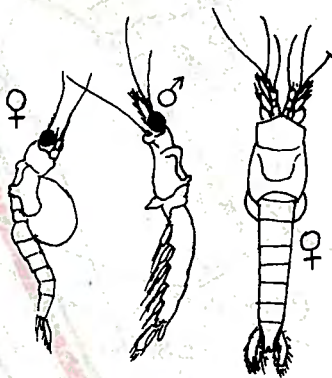
P. flexuosus



Gnathophausia zoae

Gn. zo.

bathypelag < 500m



Ms. gi.

My. ty.

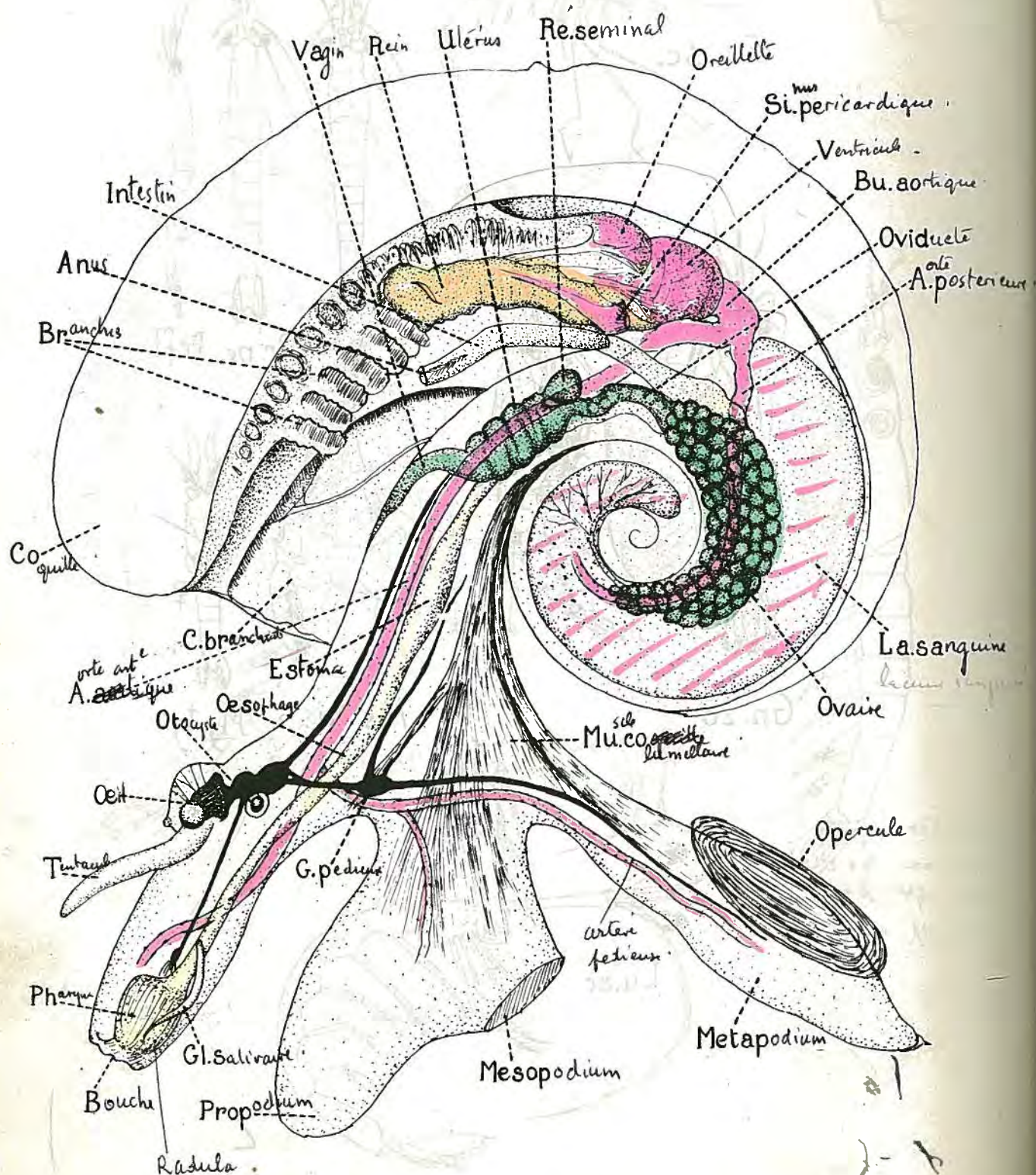
Mysidopsis gibbosa

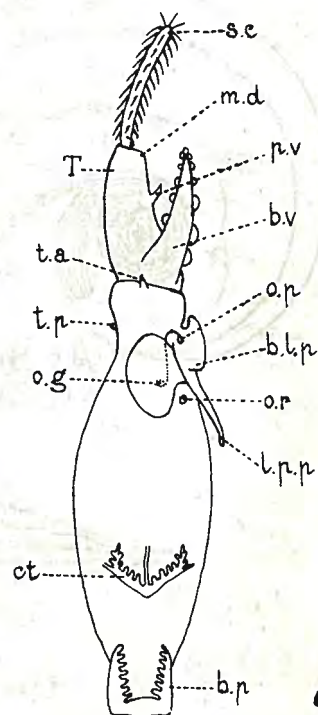
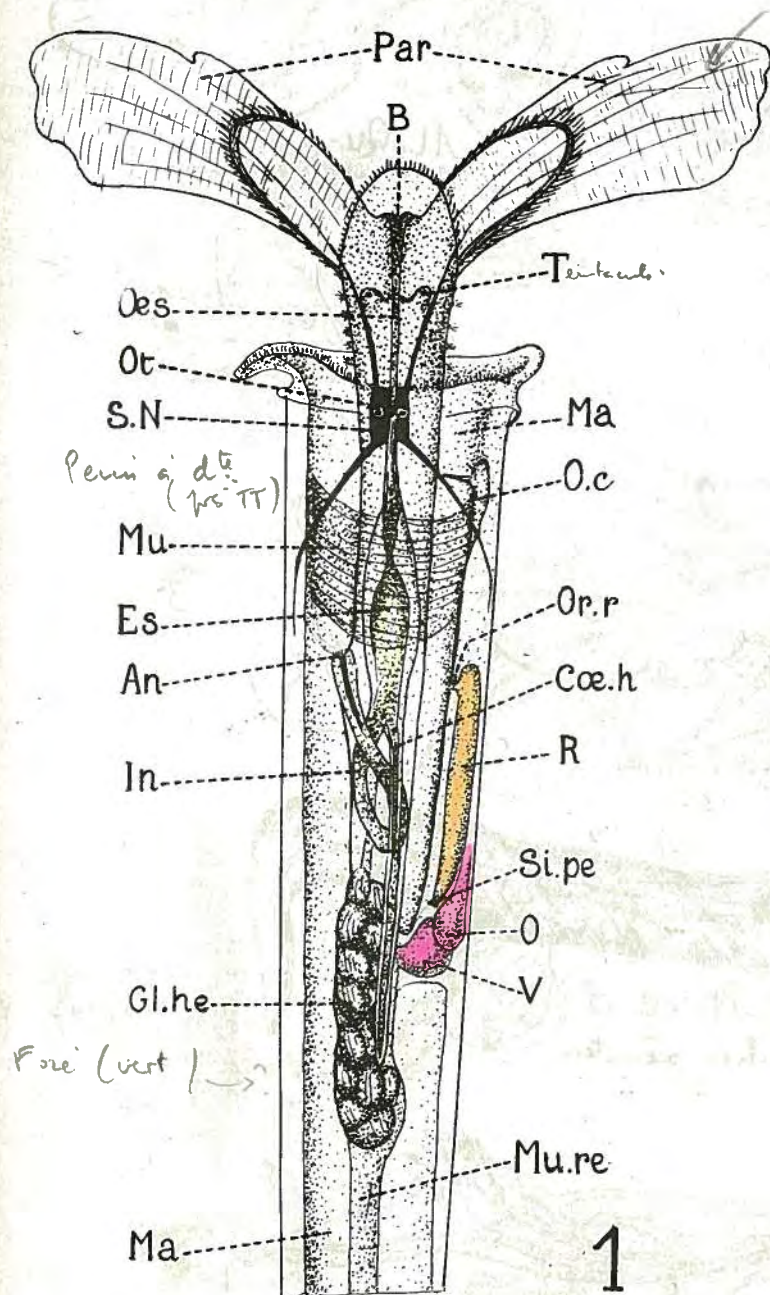
Mysidella typhlops



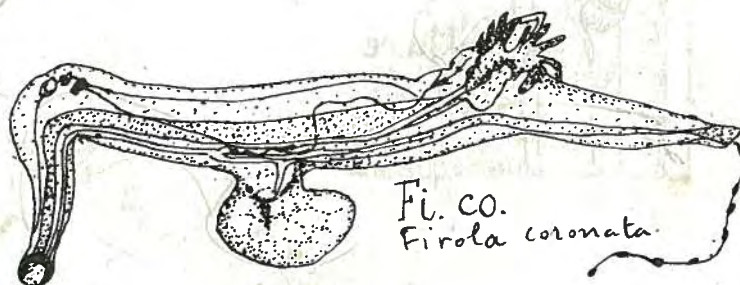
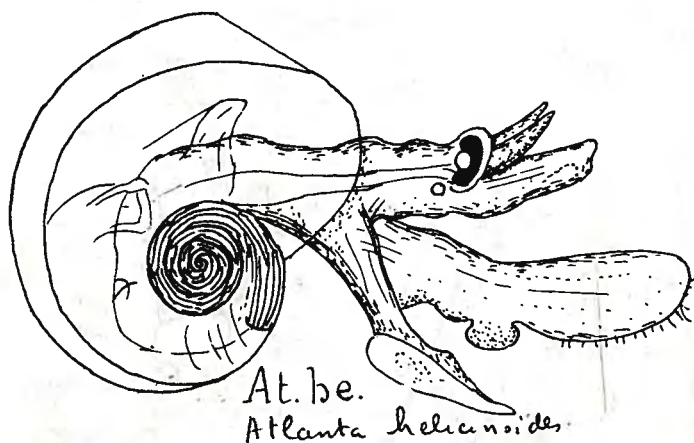
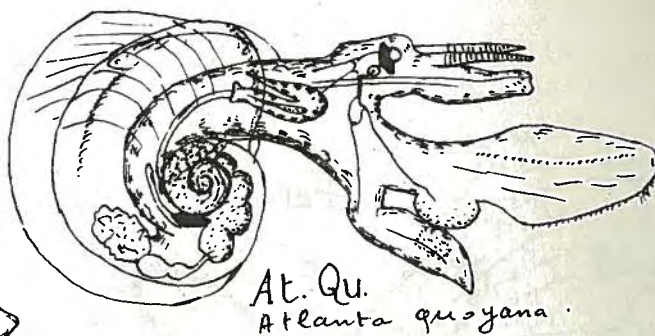
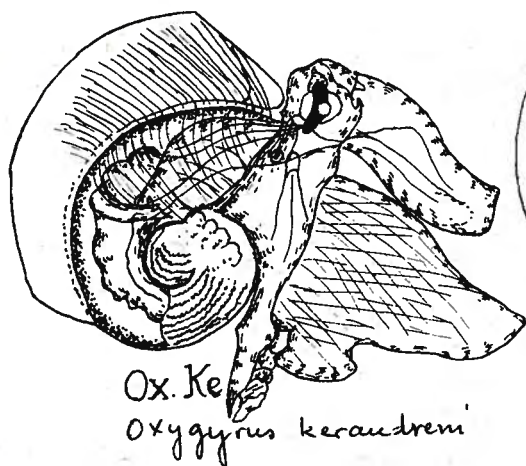
Lu. ac

Leucifer acedrod

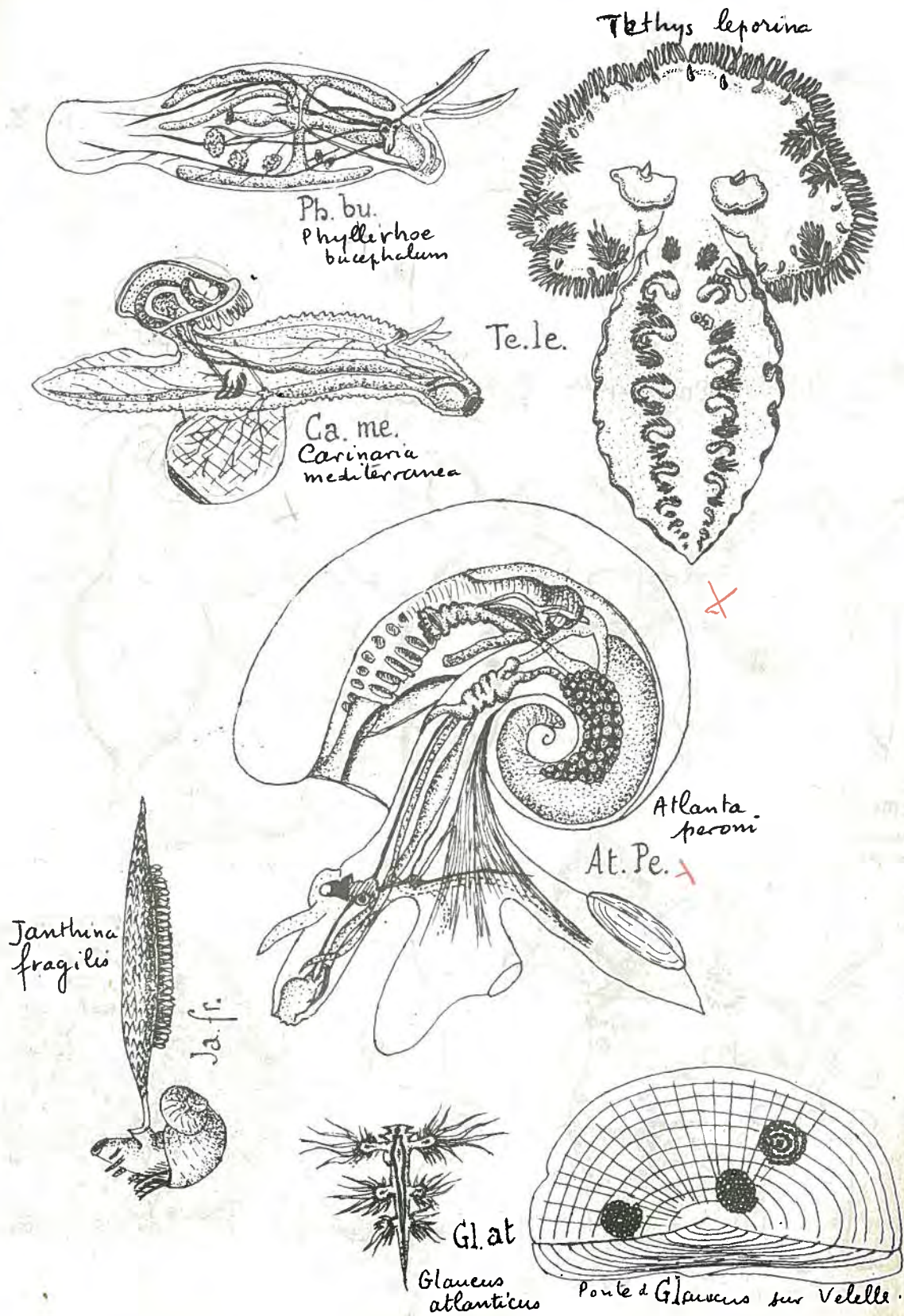




2

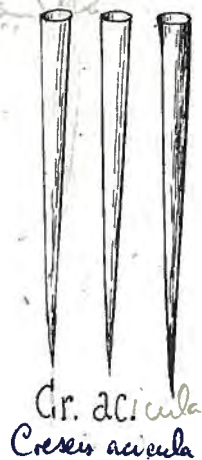


Firoloide

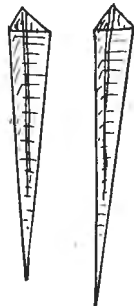




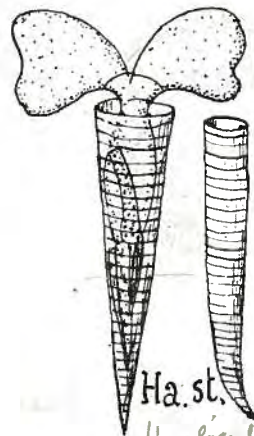
Cr. virgula



Cr. acicula
Cresis acicula



St. subula
Styholia subula



Ha. st.

Hyalocylus striata

2 mâles
ratula 1+1+1 R.
Estomac avec pl.
cornees

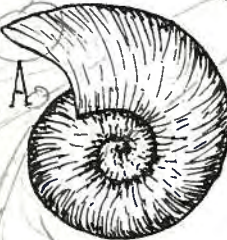
pas de sperme



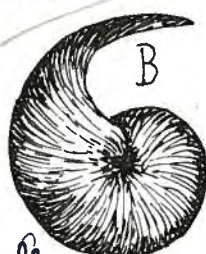
qf. patt. (dorsal / wing)

Bouch.

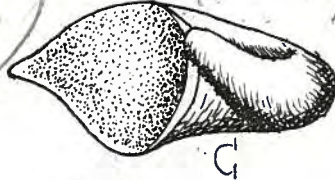
Gonades



Li. inflata
Linnaea



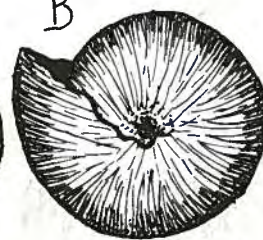
Li. trochiformis
Linnaea



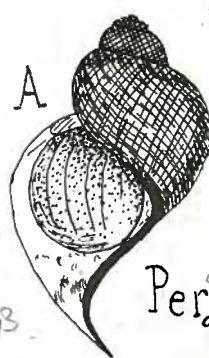
h = 0.5 l



h = l



opercul

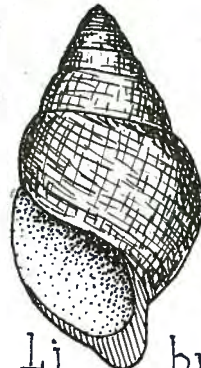


Per. reticulata
Peracelis

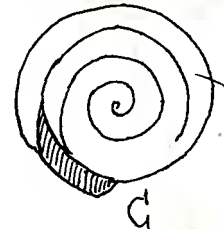


dos.

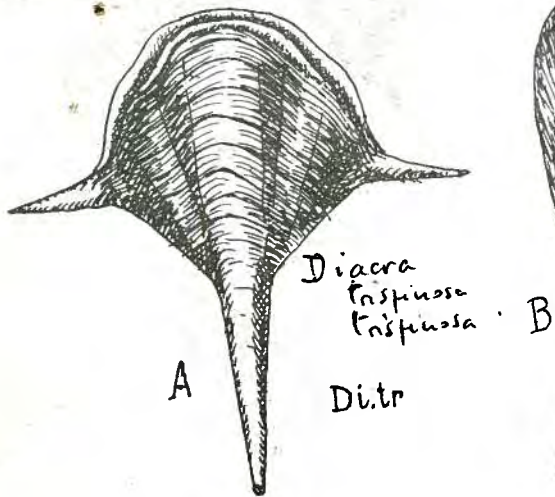
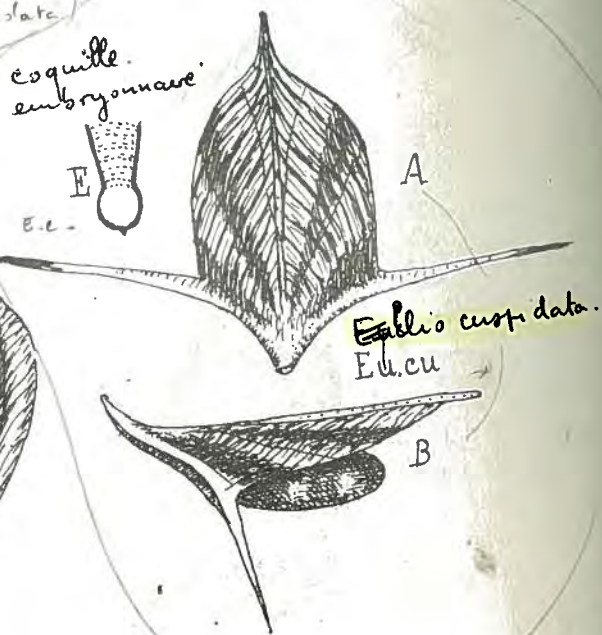
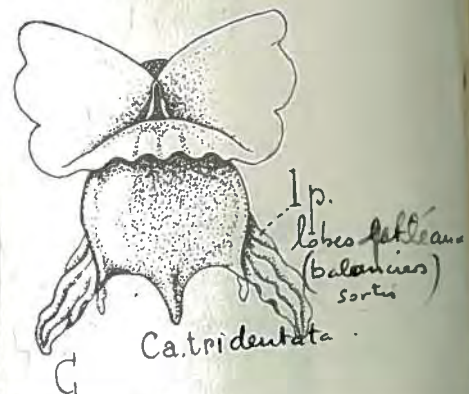
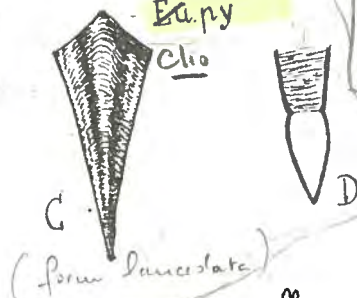
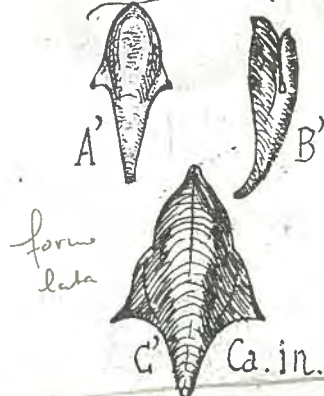
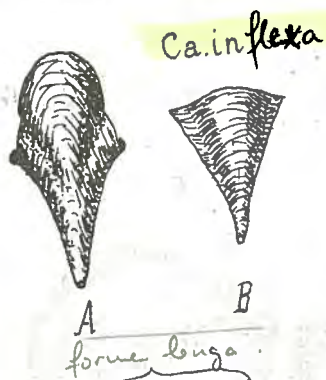
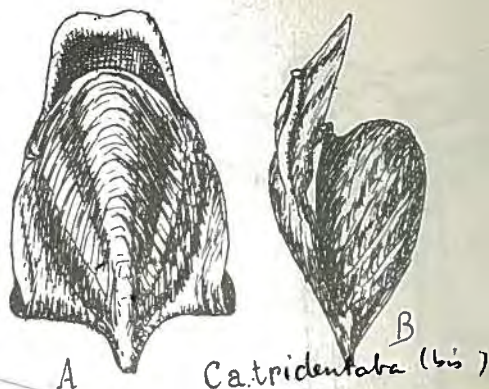
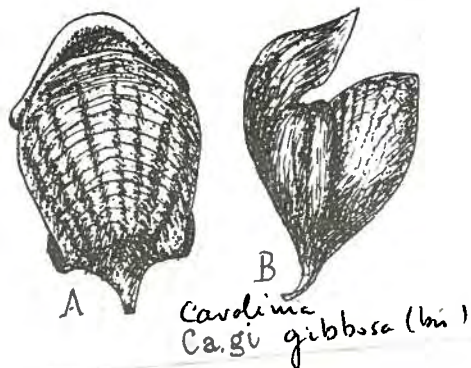
Peracelis apicifalva

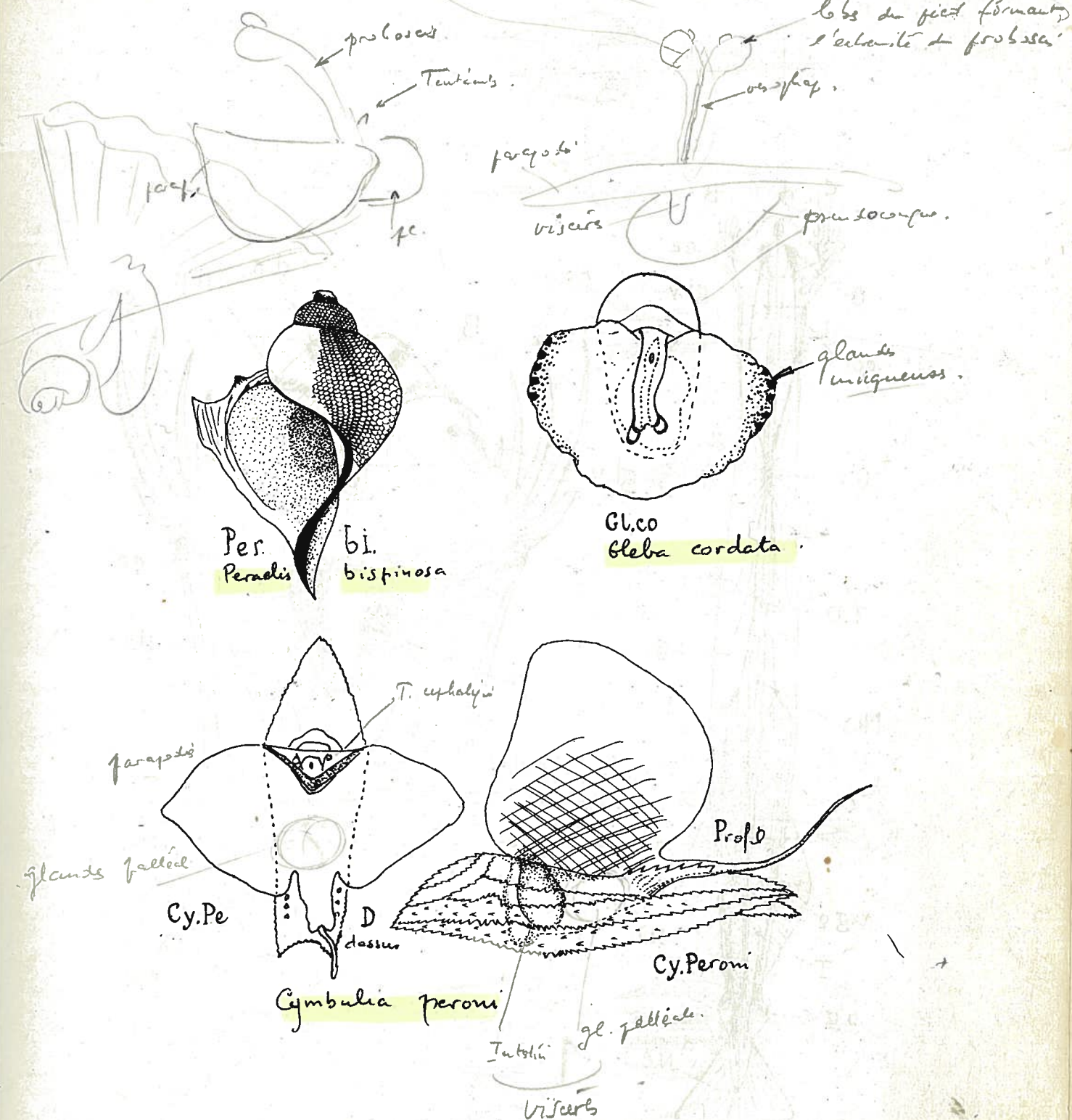


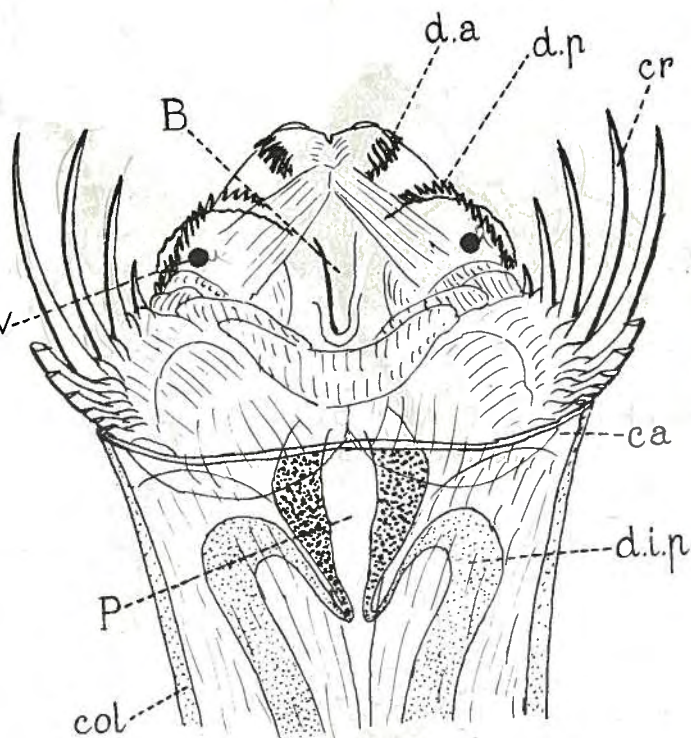
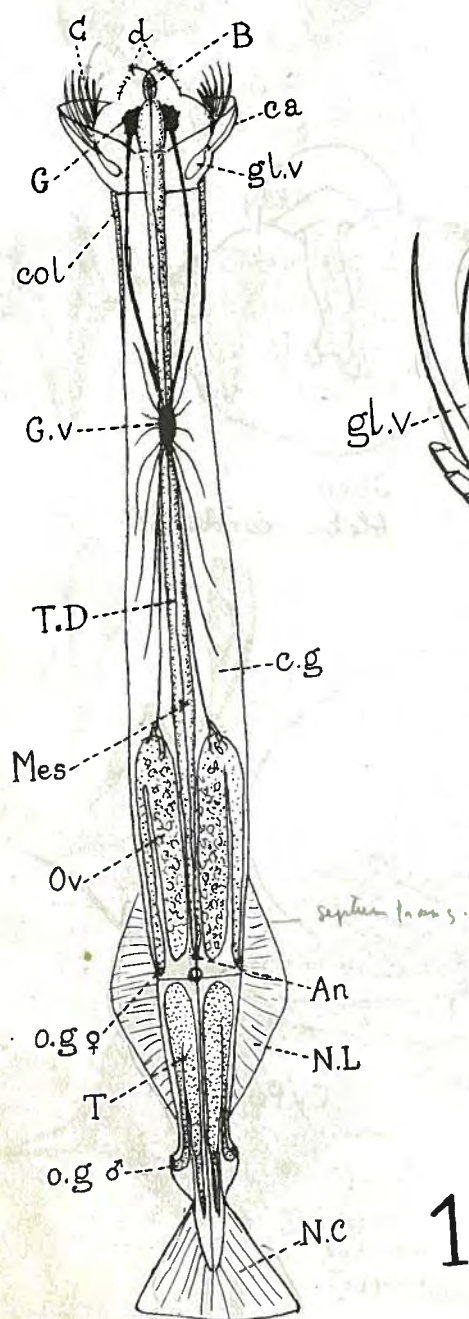
Li. bulimoides
Linnaea
h = 2 l



par dors



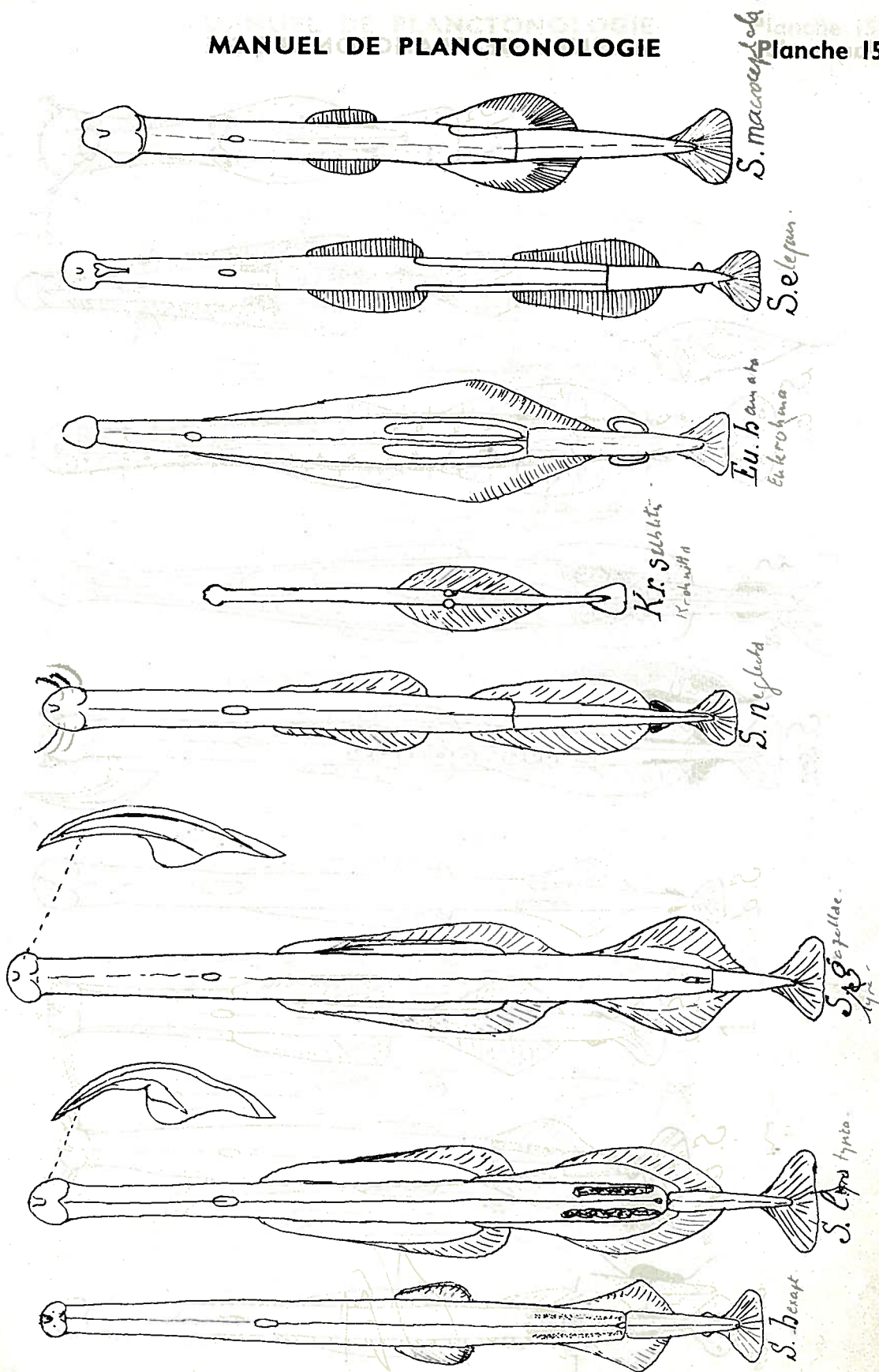


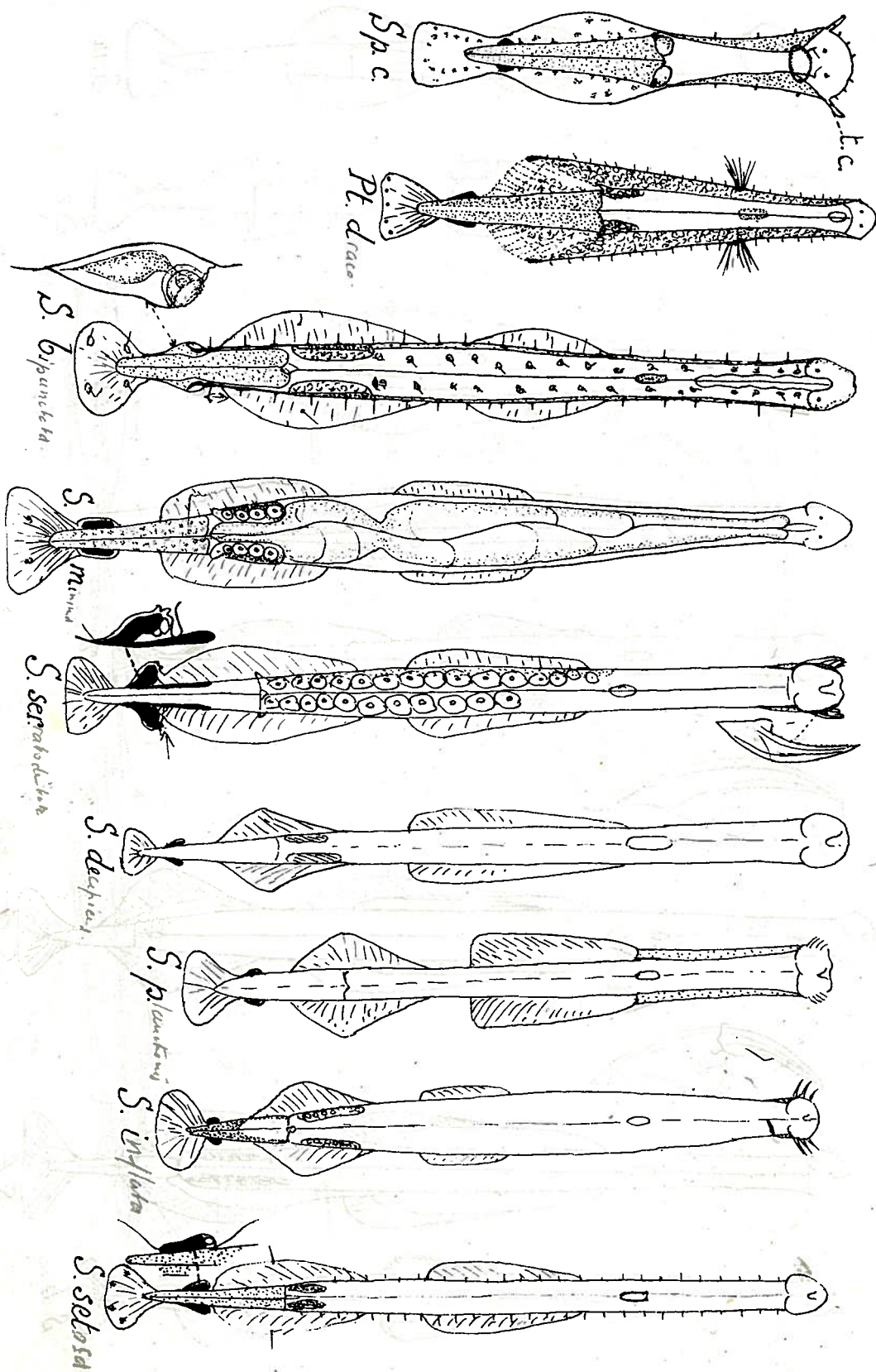


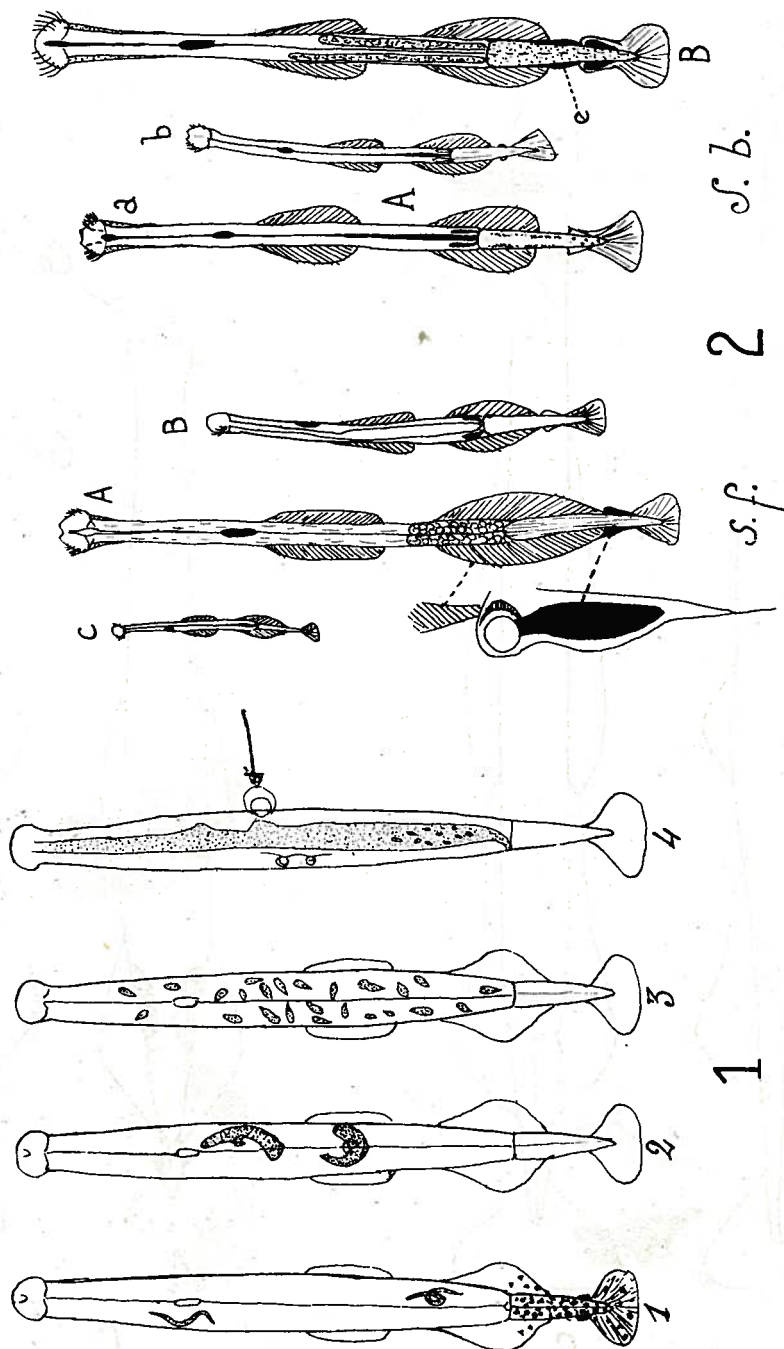
2



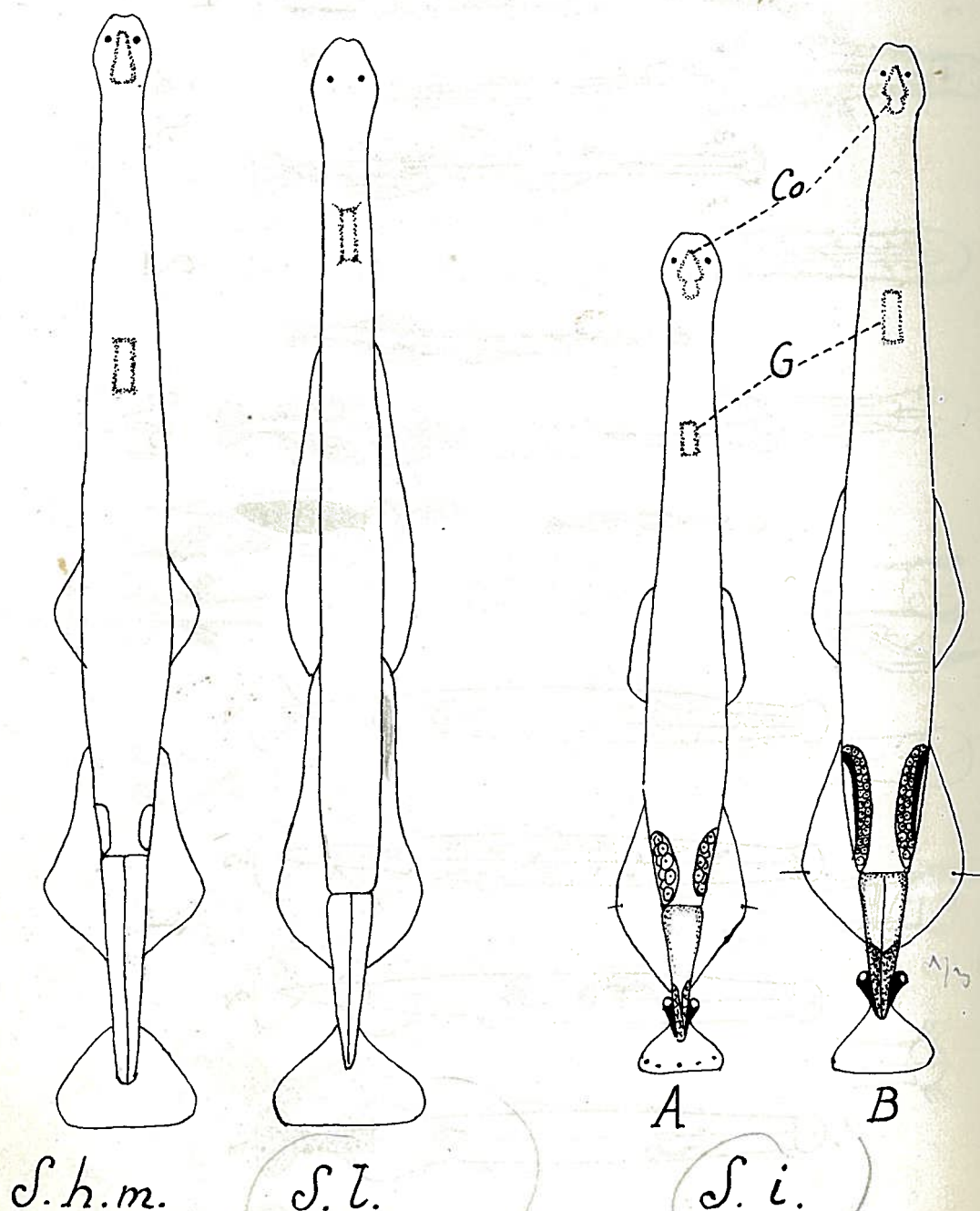
1



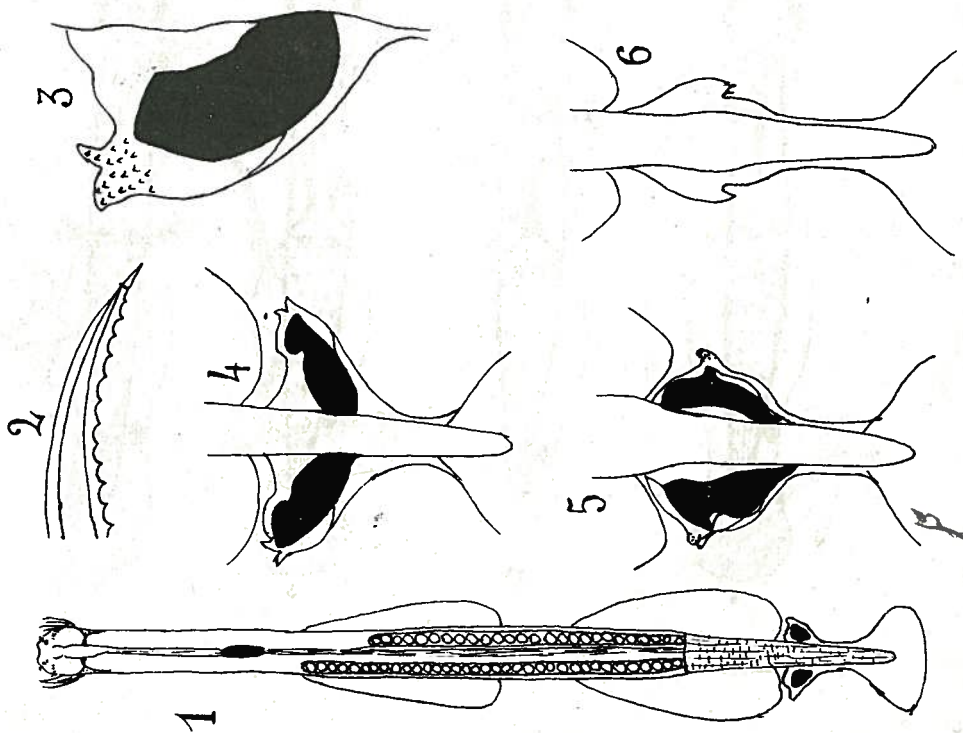




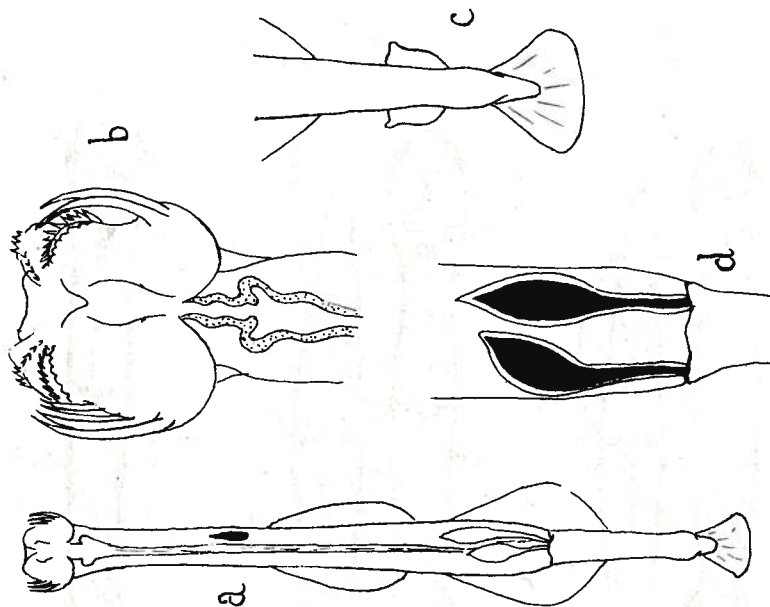
CHAPITRE XXXII. 1 : Parasites de Sagitta. 2 : *S. friderici*; *S. bipunctata*.

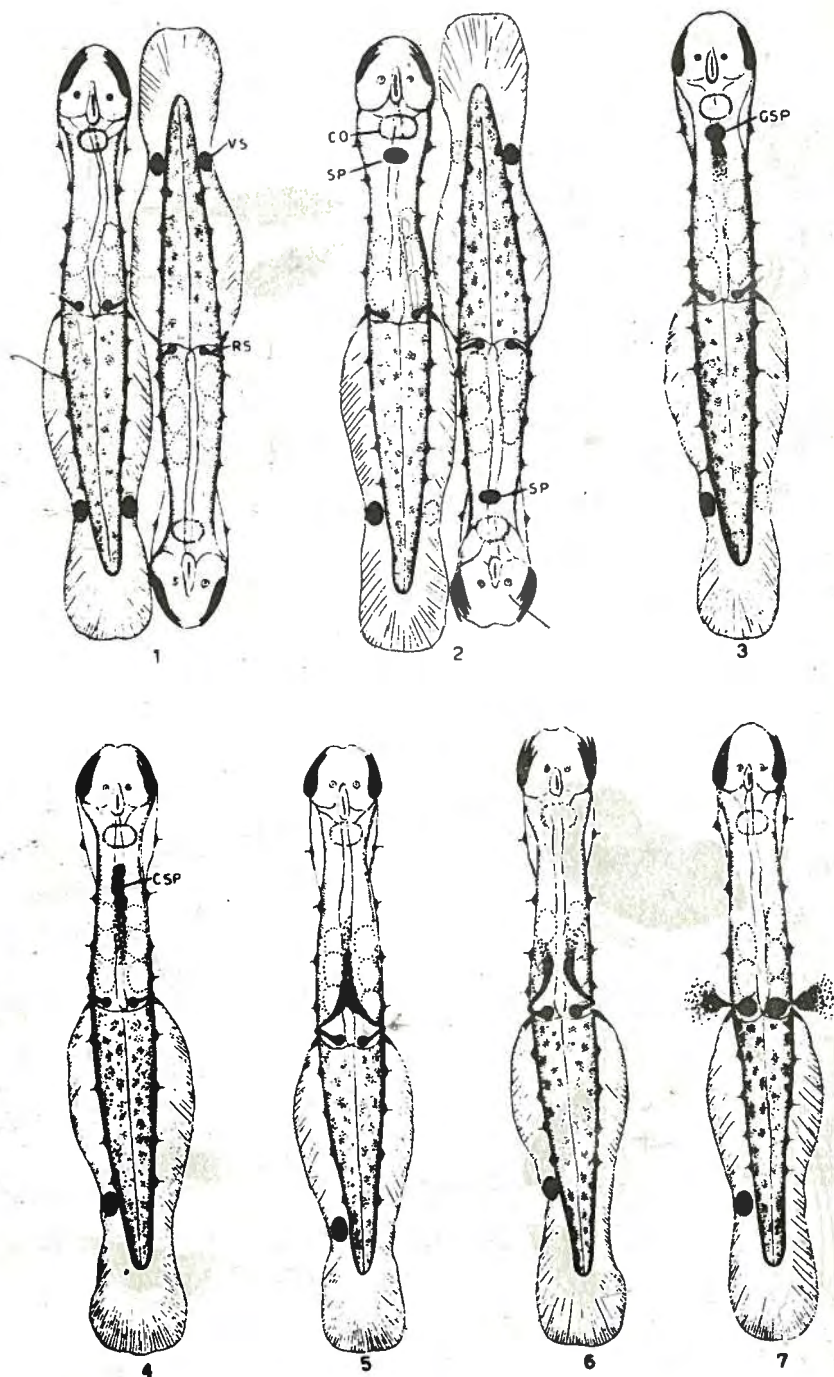


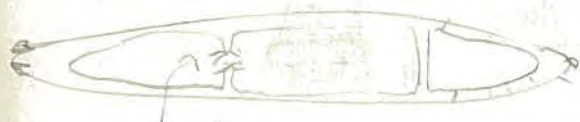
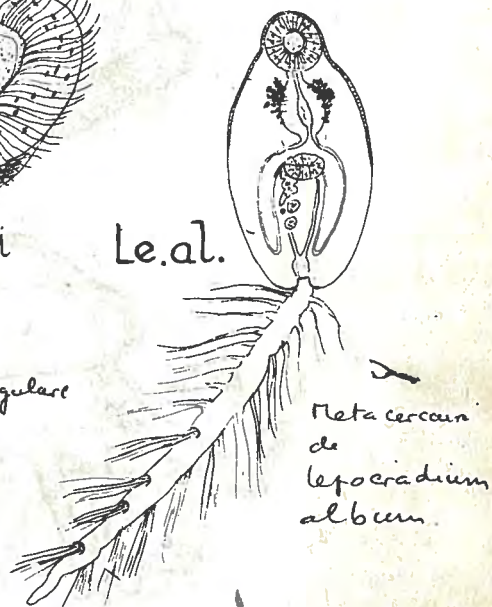
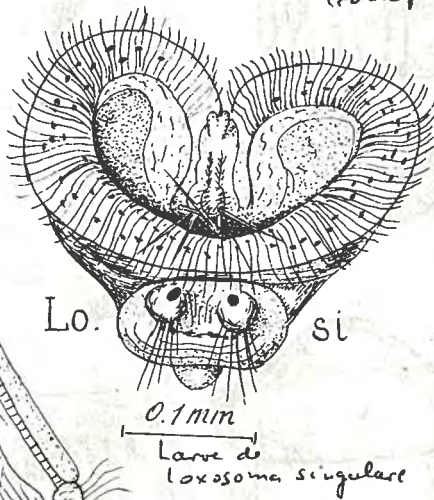
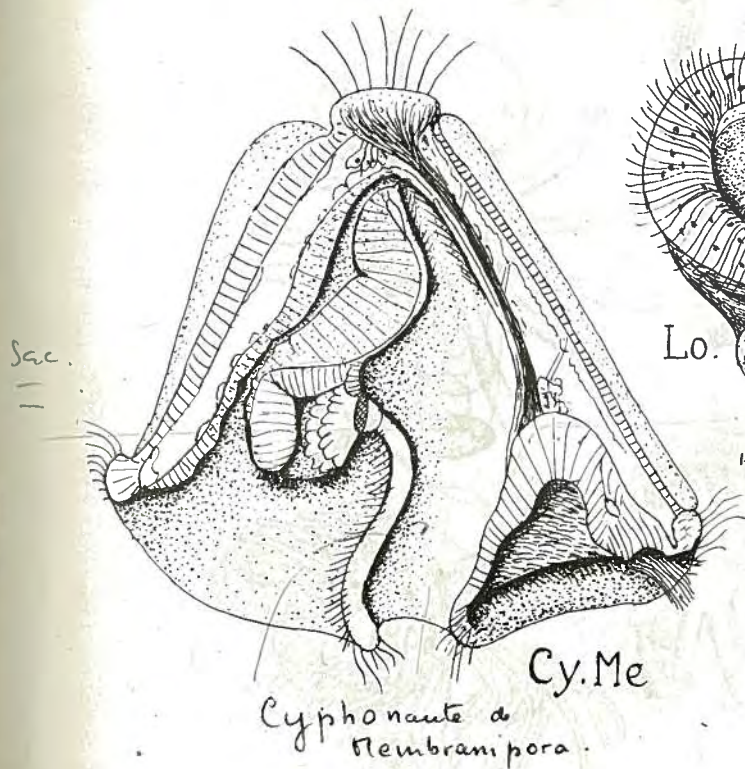
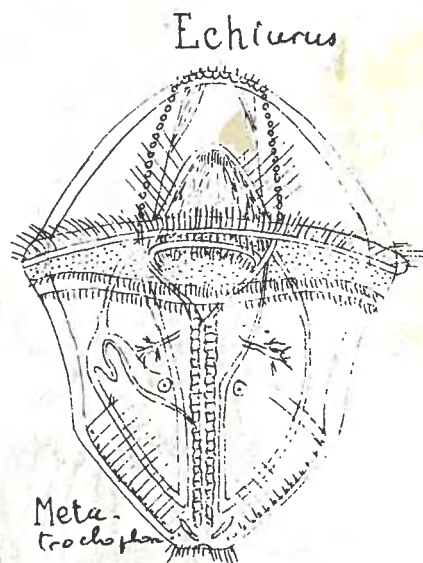
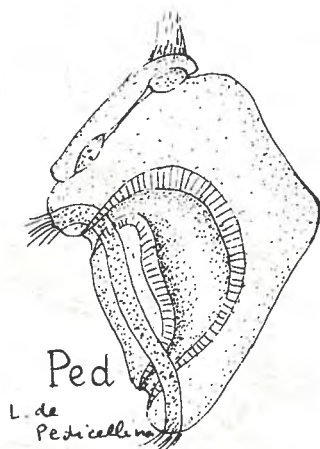
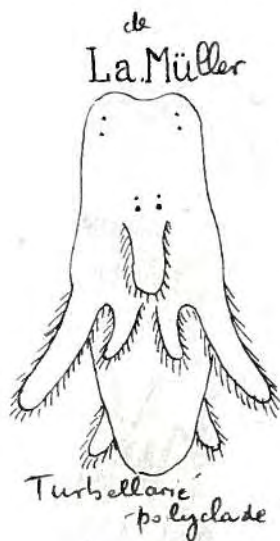
S. s. a.

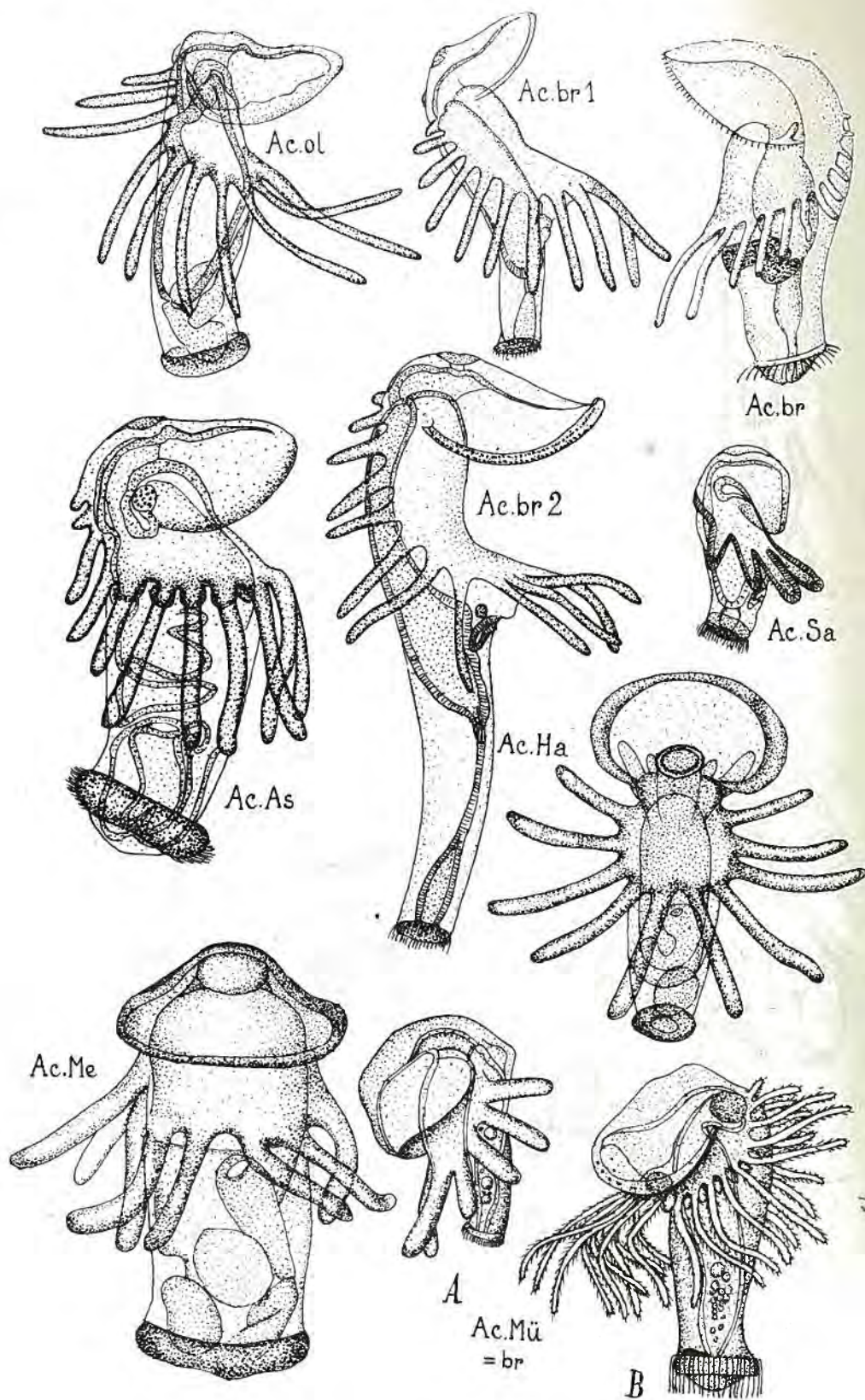


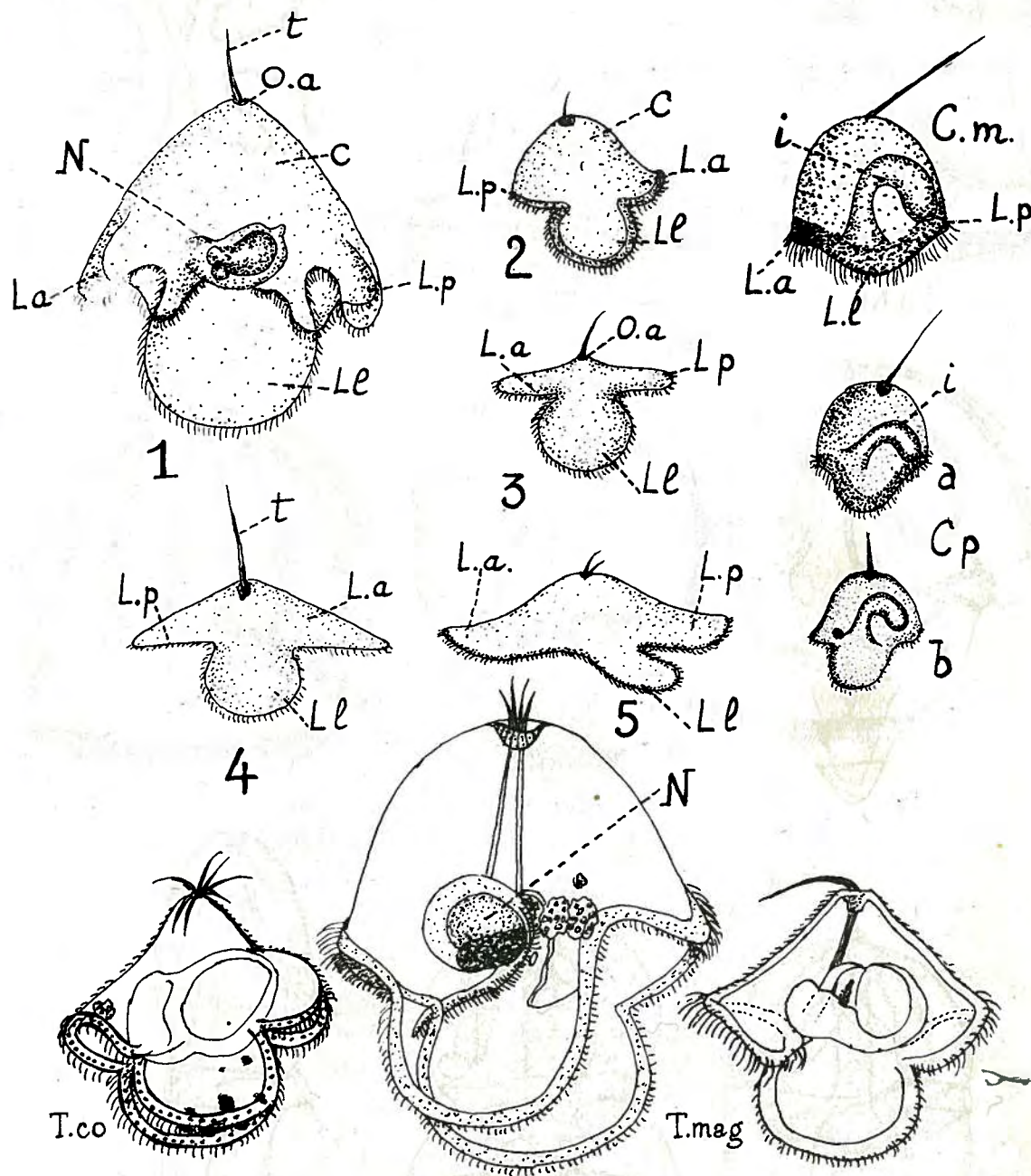
S. d.

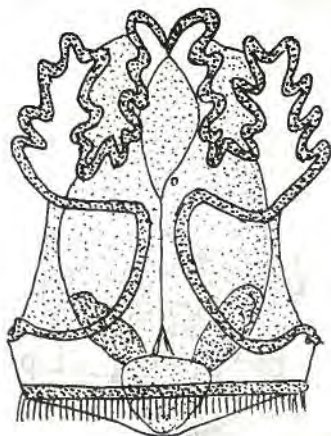




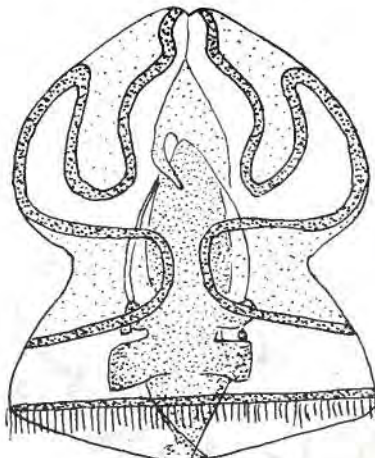








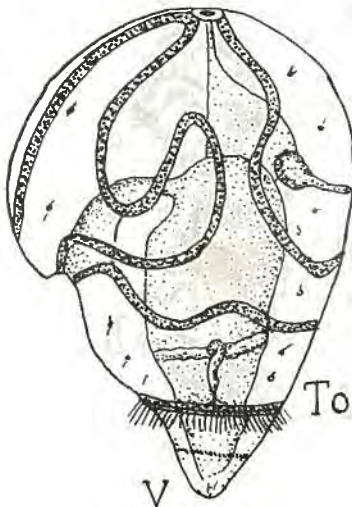
To.Kr



To.du

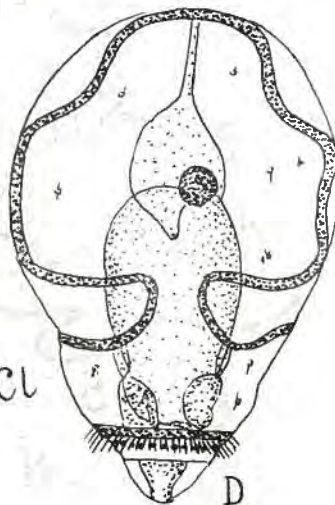


St. Kr



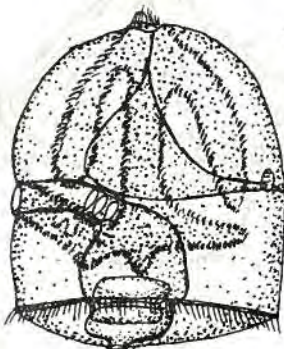
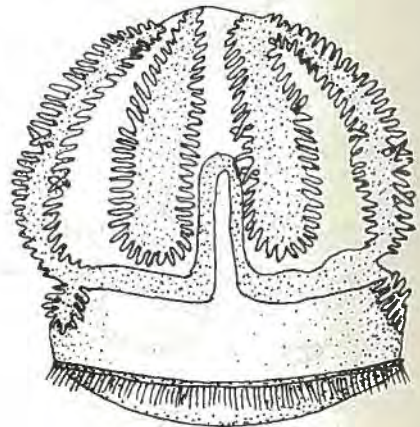
To.Cl

V

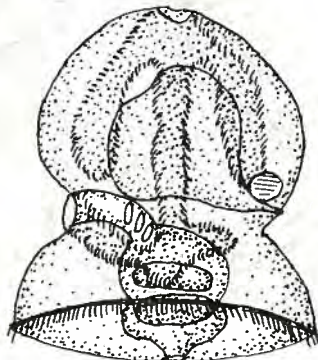


D

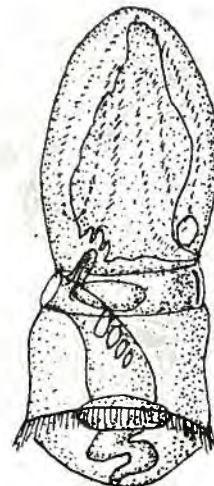
To. Ch



1



2



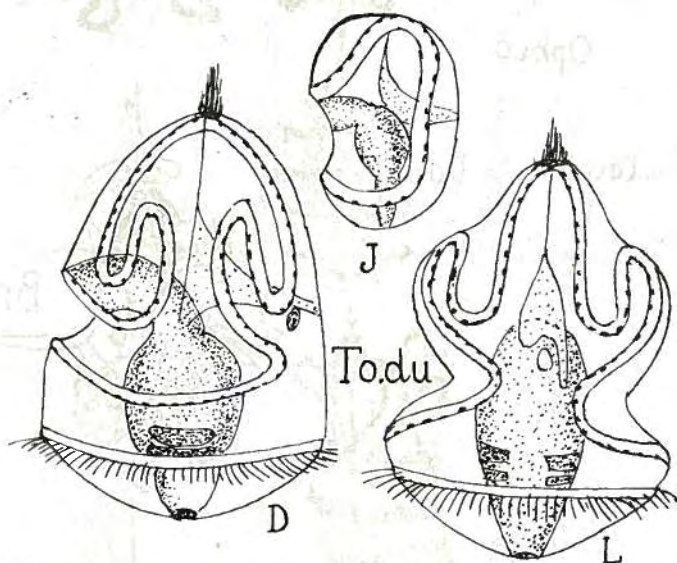
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St.Mu



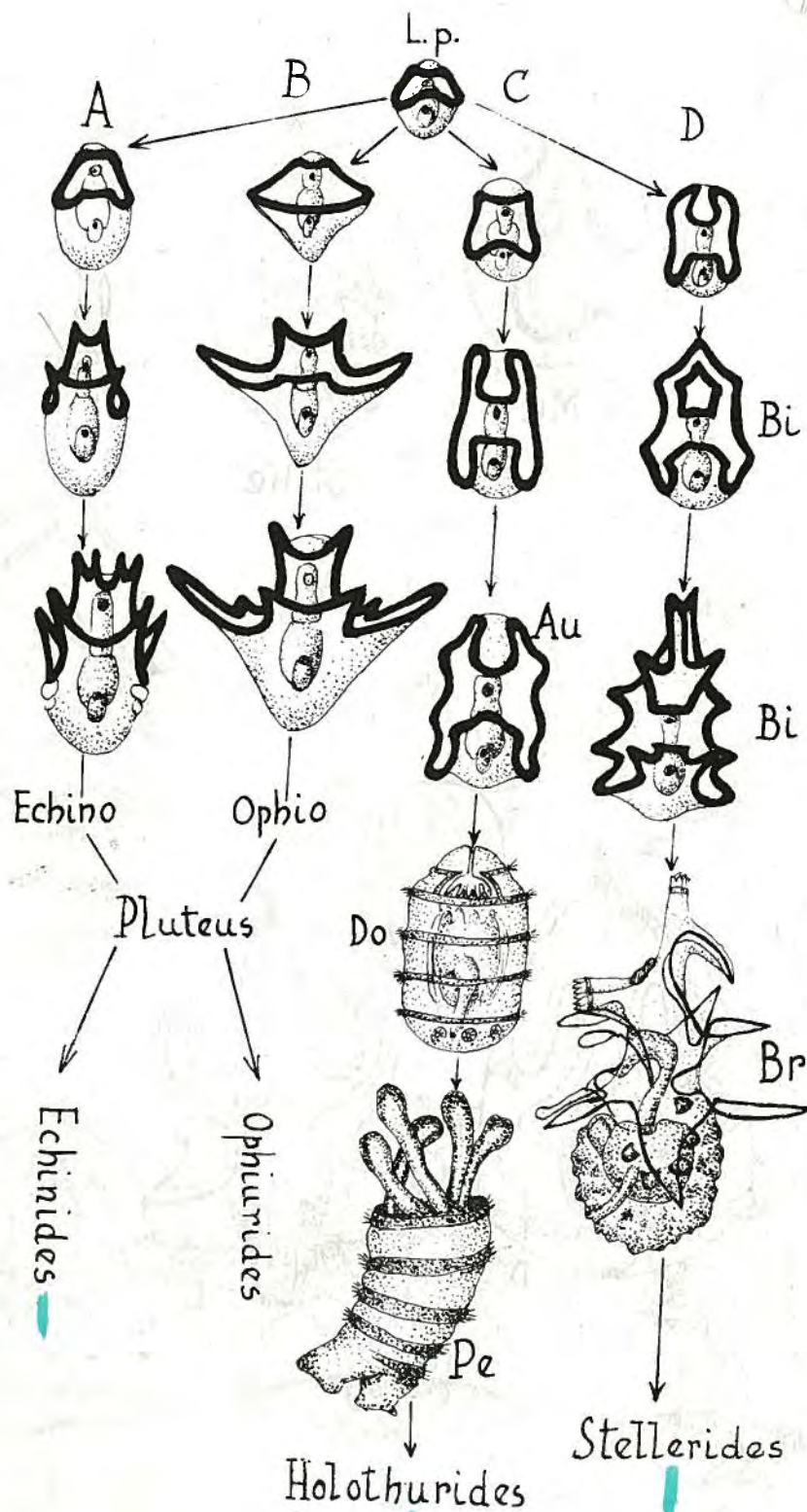
St.He



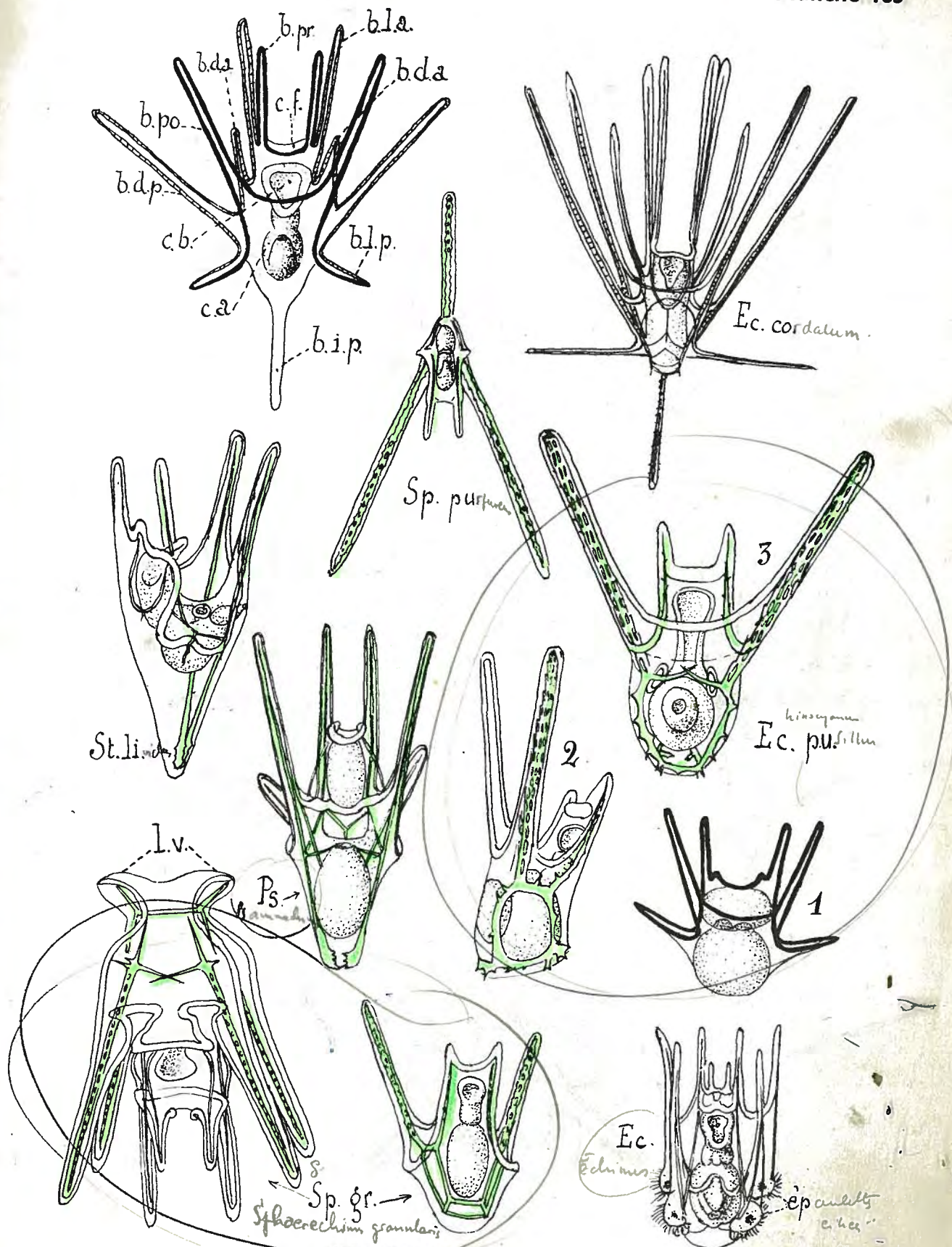
To.du

D

L

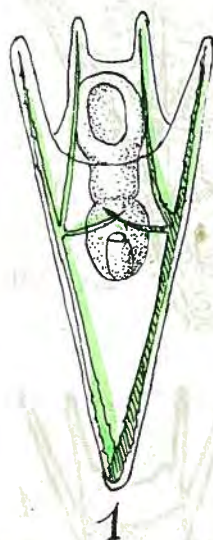


CHAPITRE XXXIII. Évolution schématique des formes larvaires d'Échinodermes.

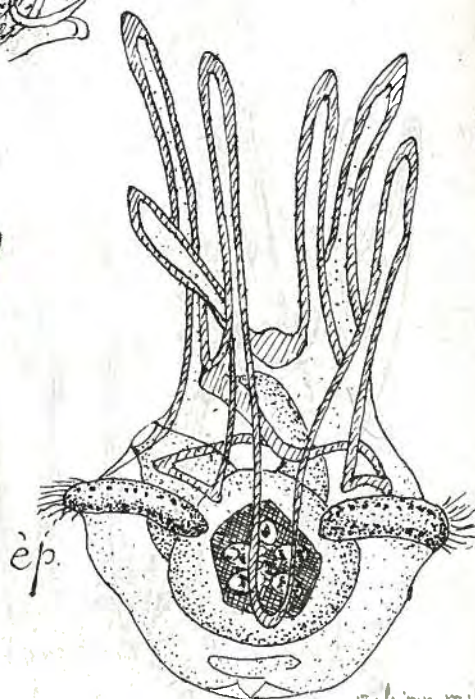
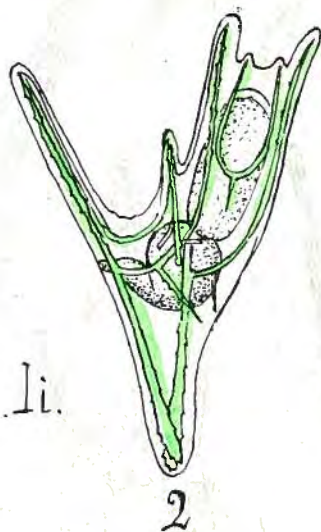




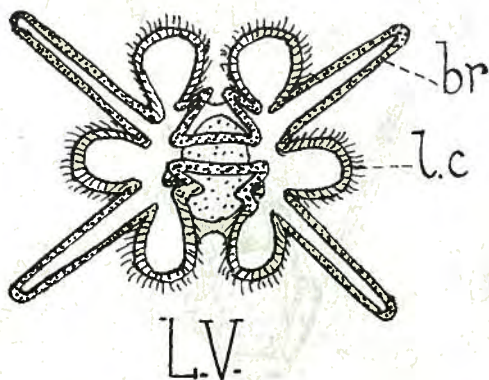
Do. pa.
Dorodanus
papillata
Lv

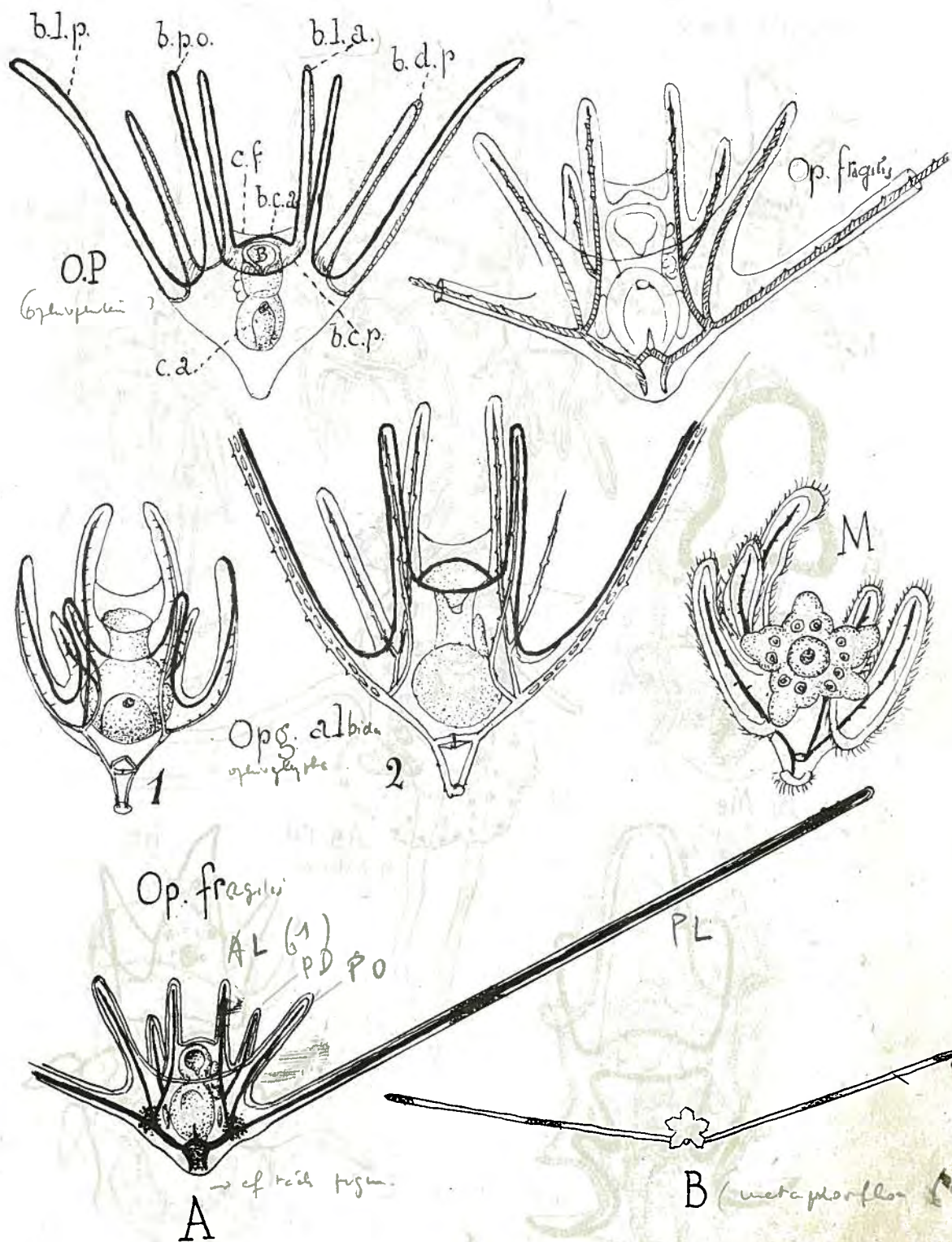


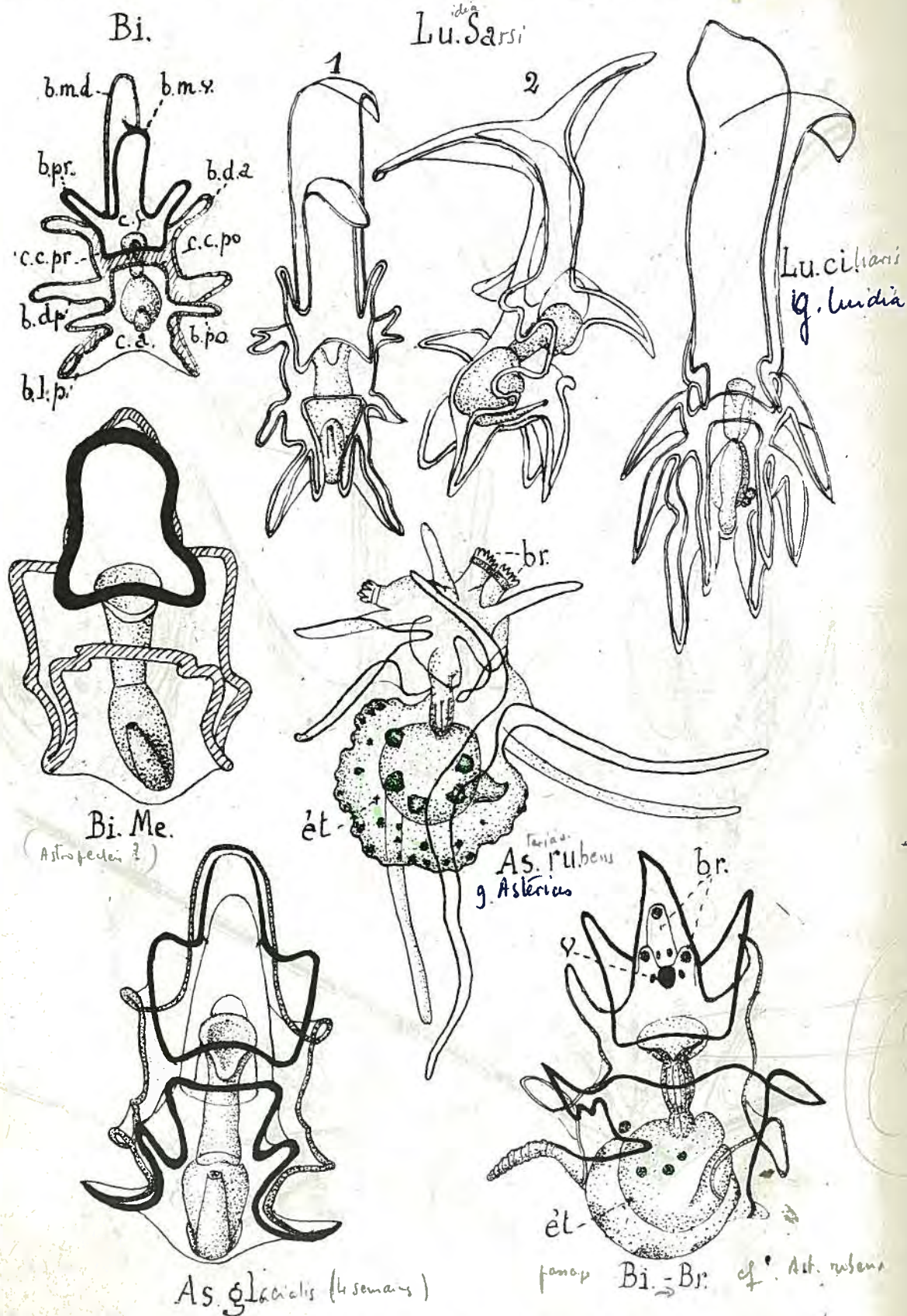
St. li.

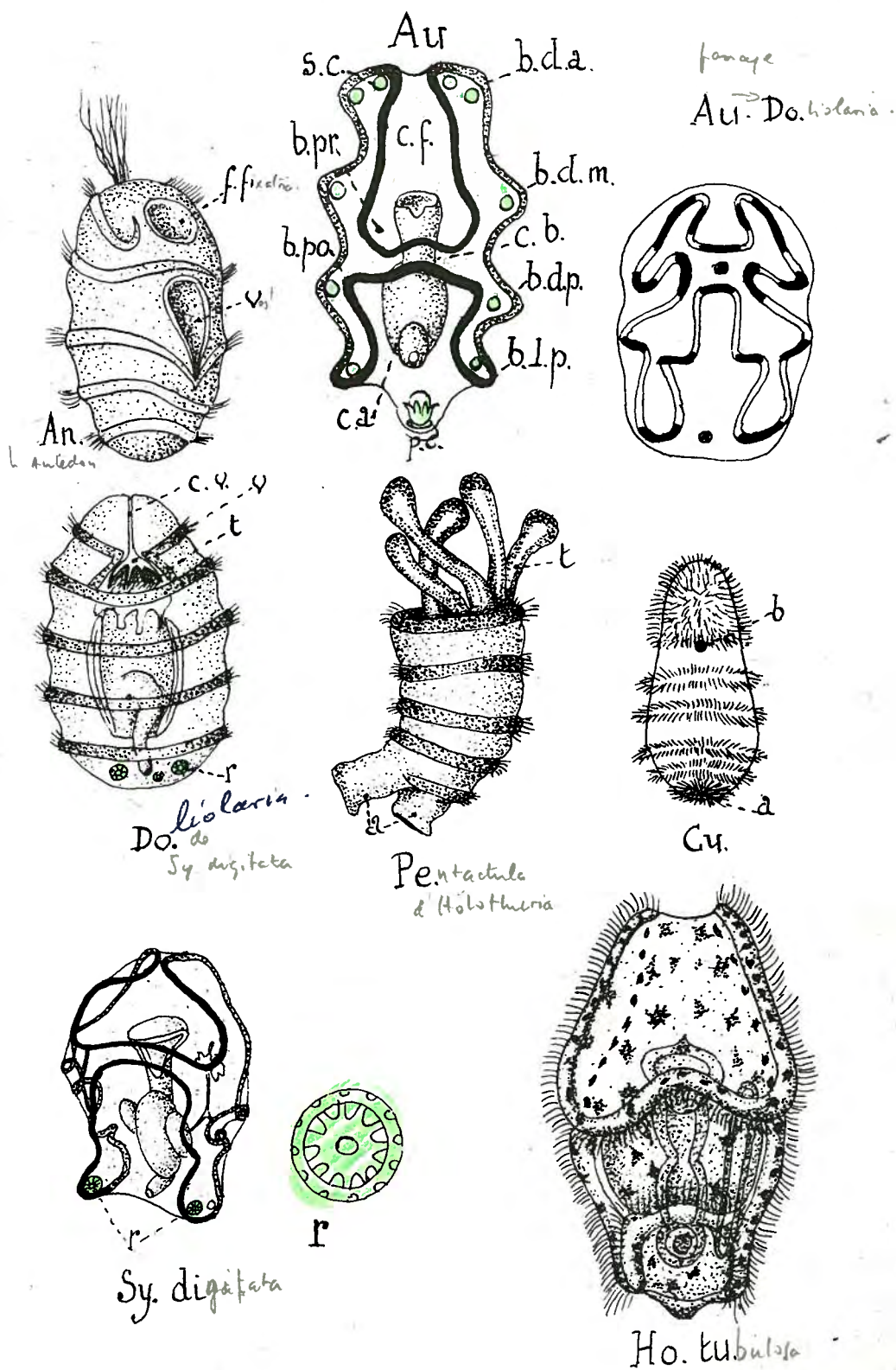


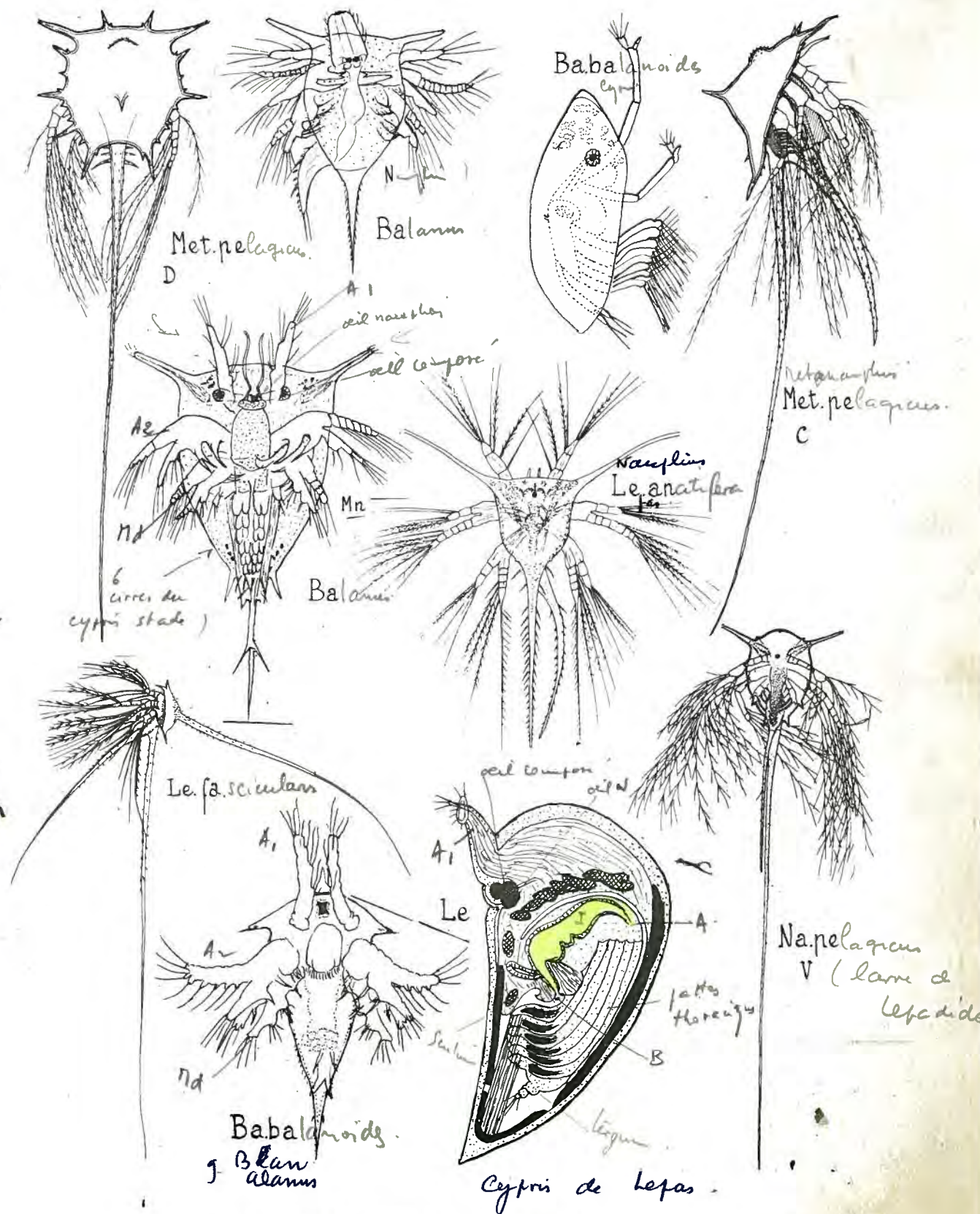
Echinus miliaris
Ec. mi.

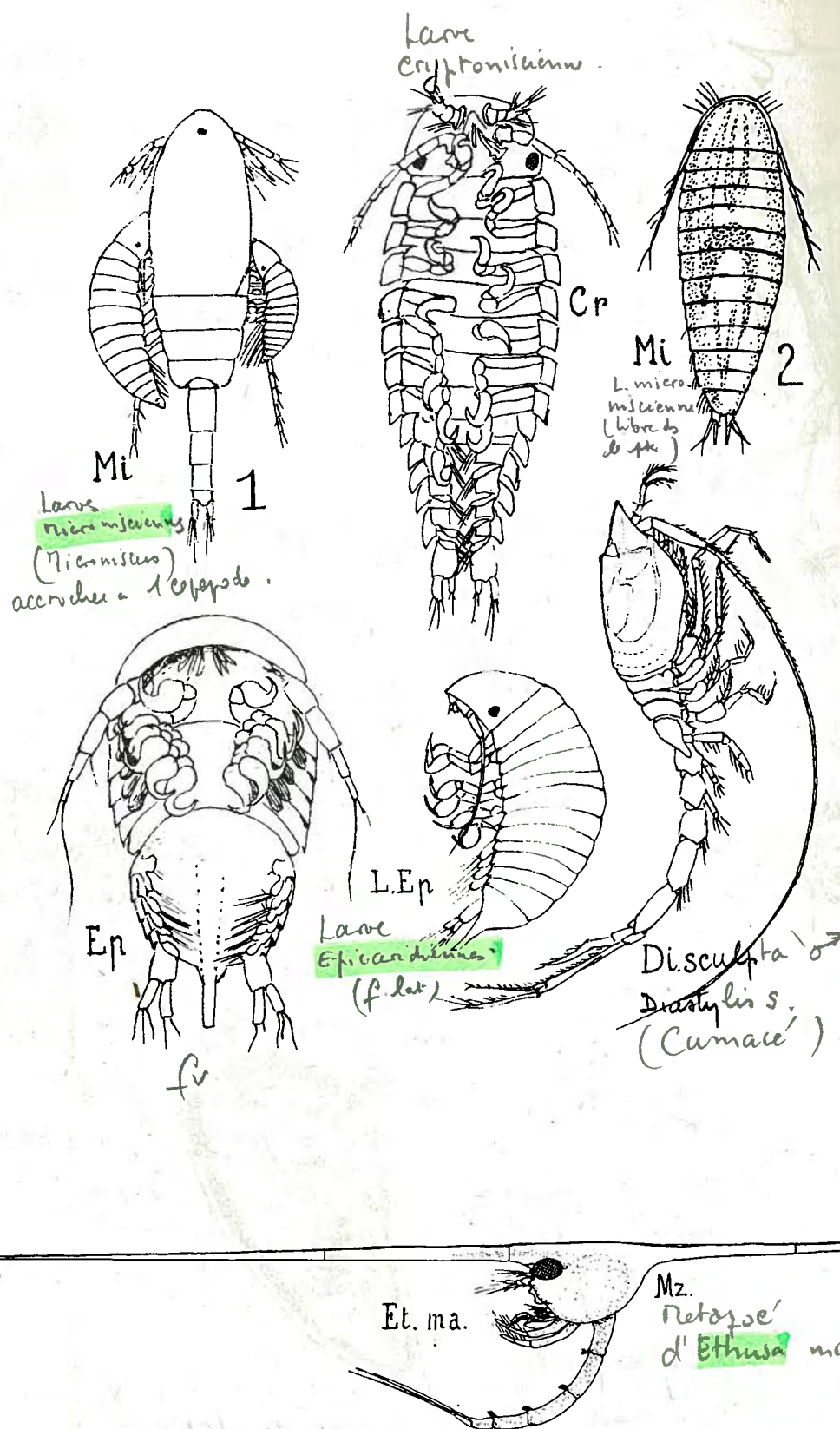




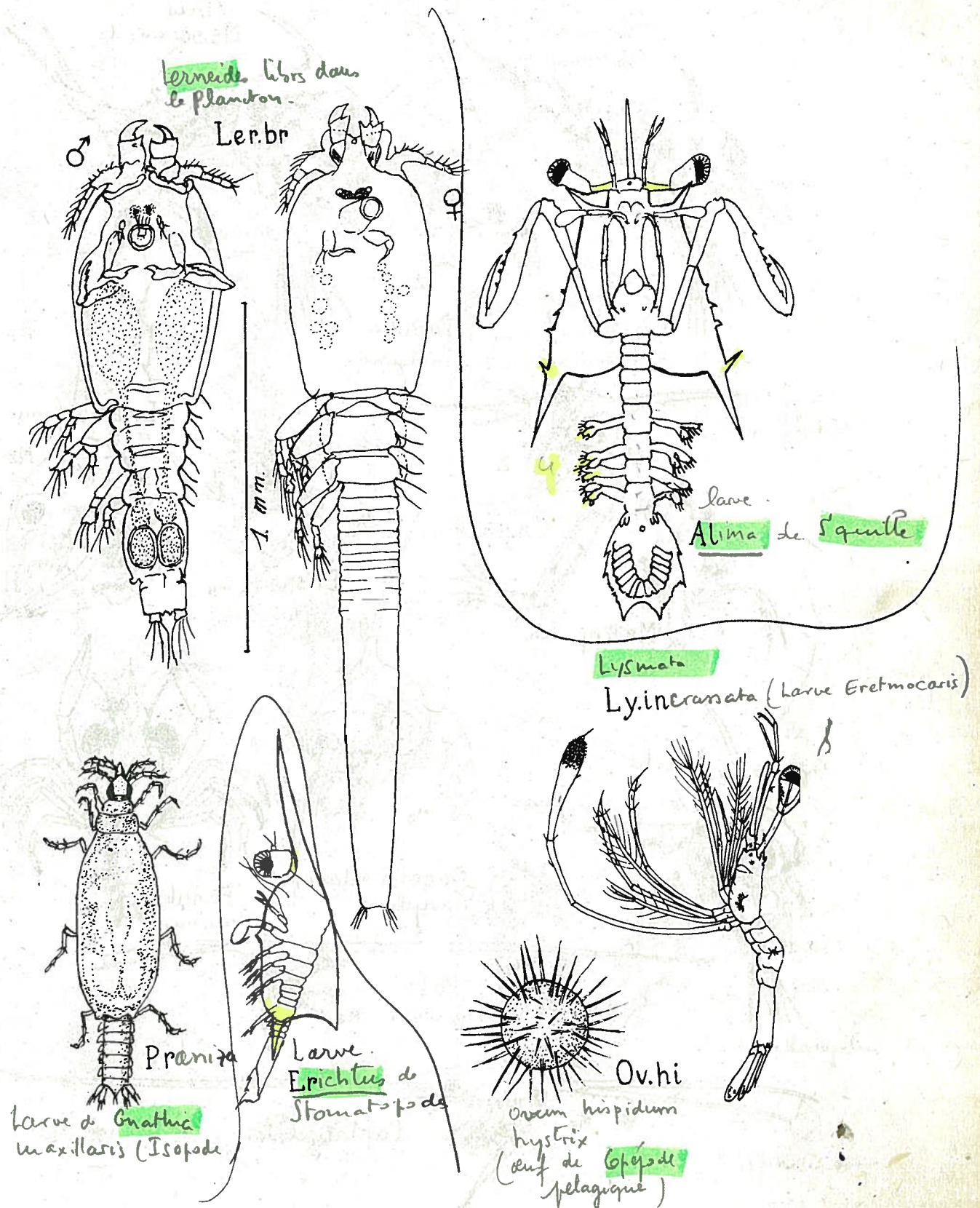


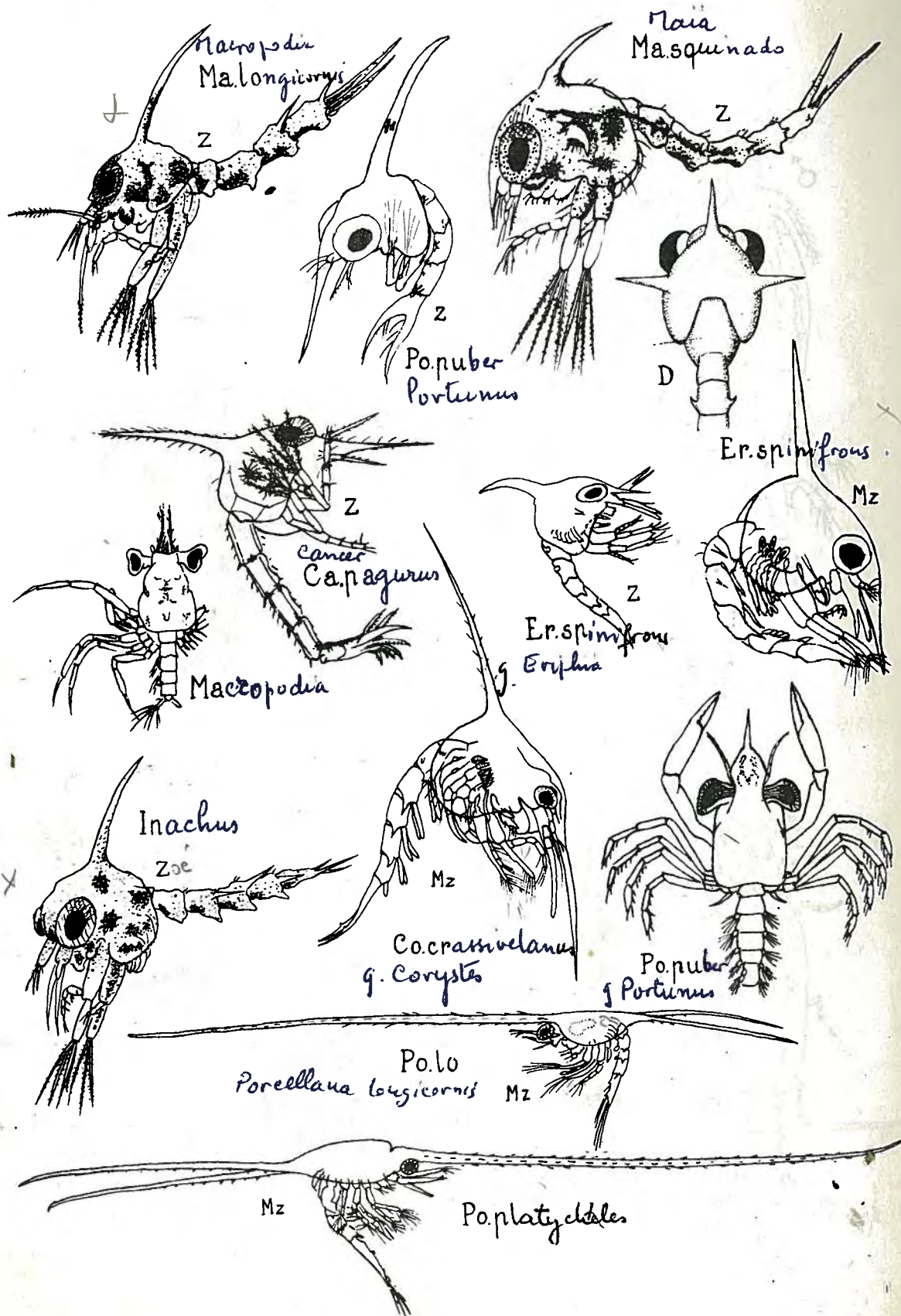


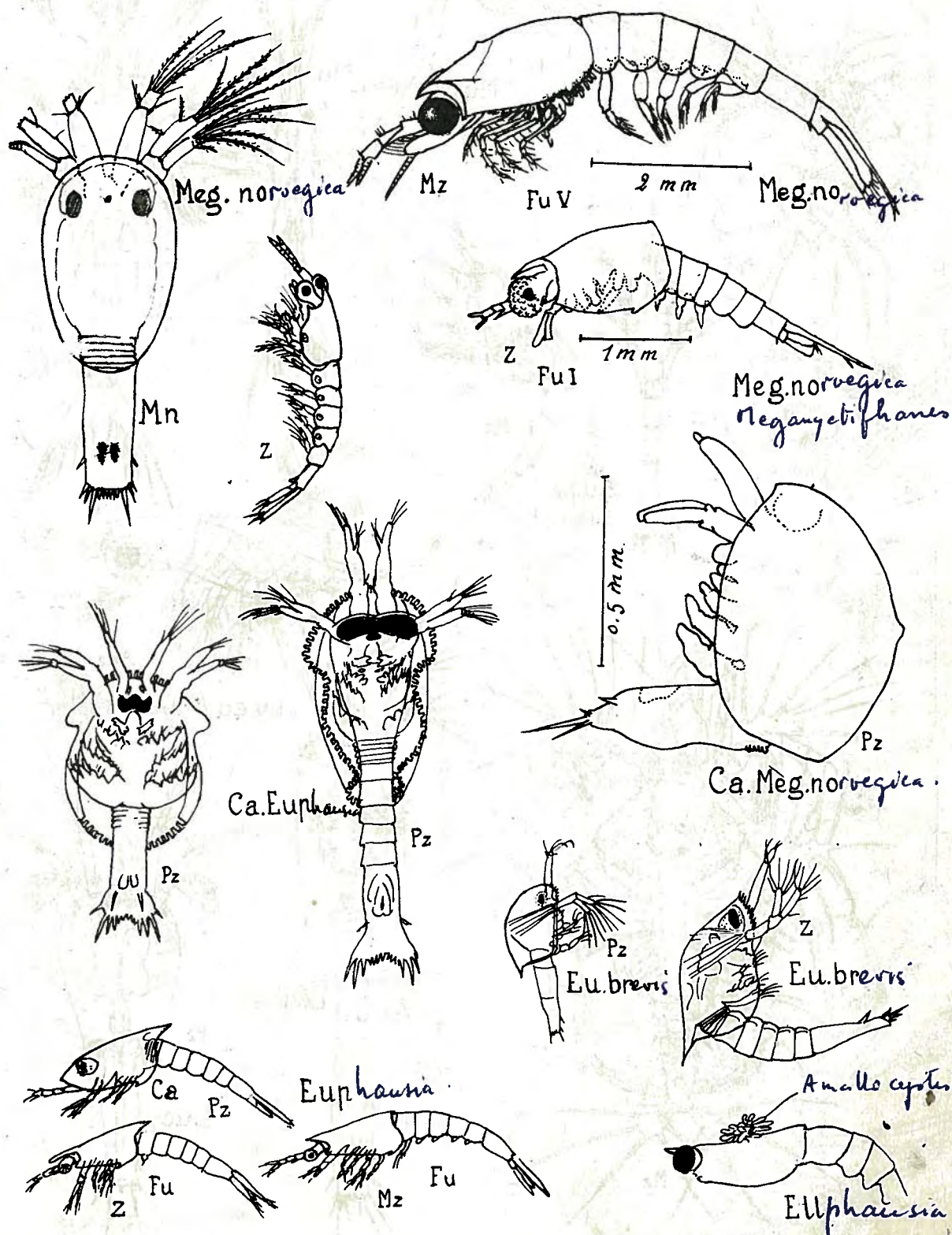


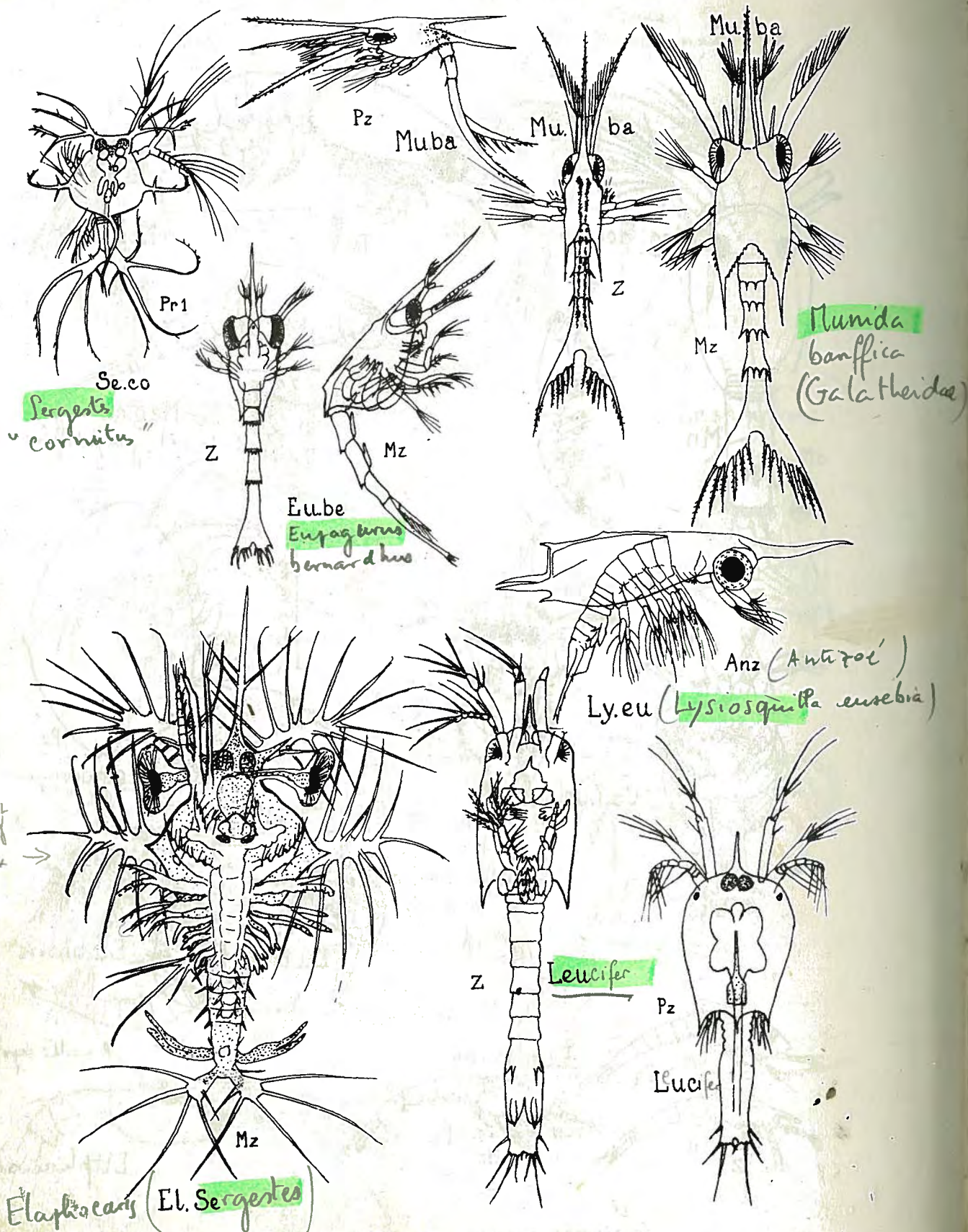


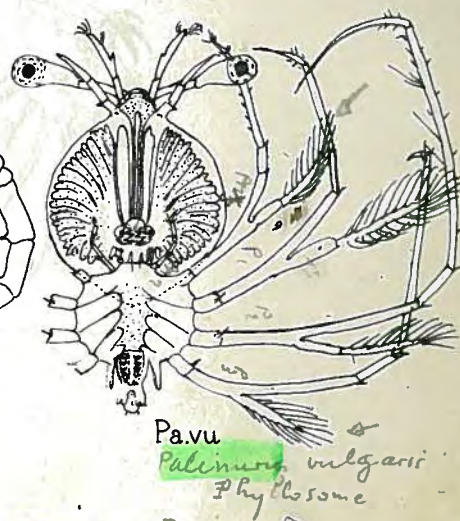
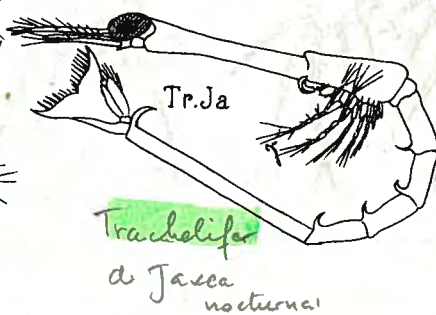
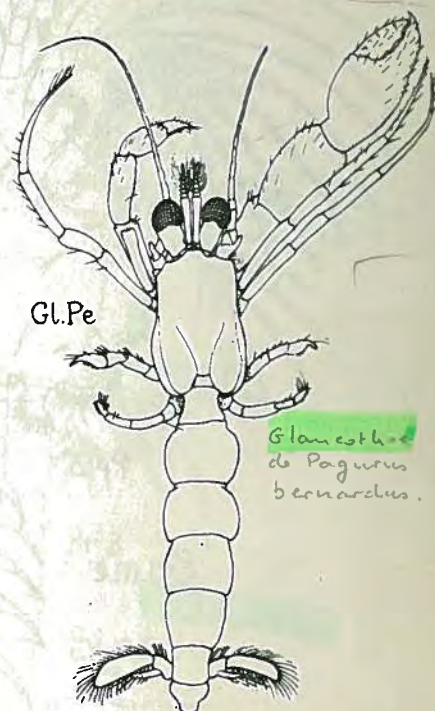
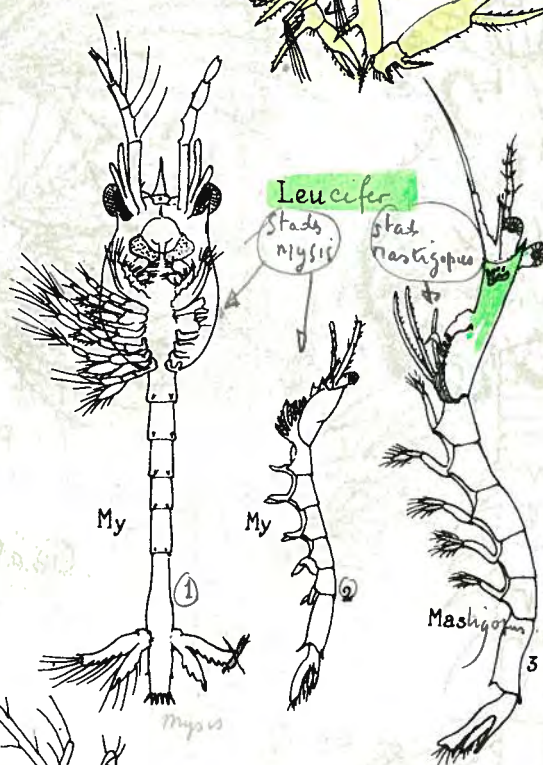
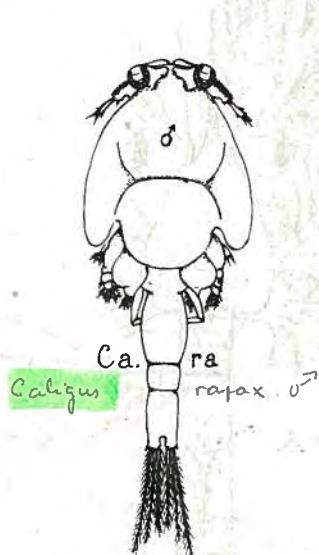
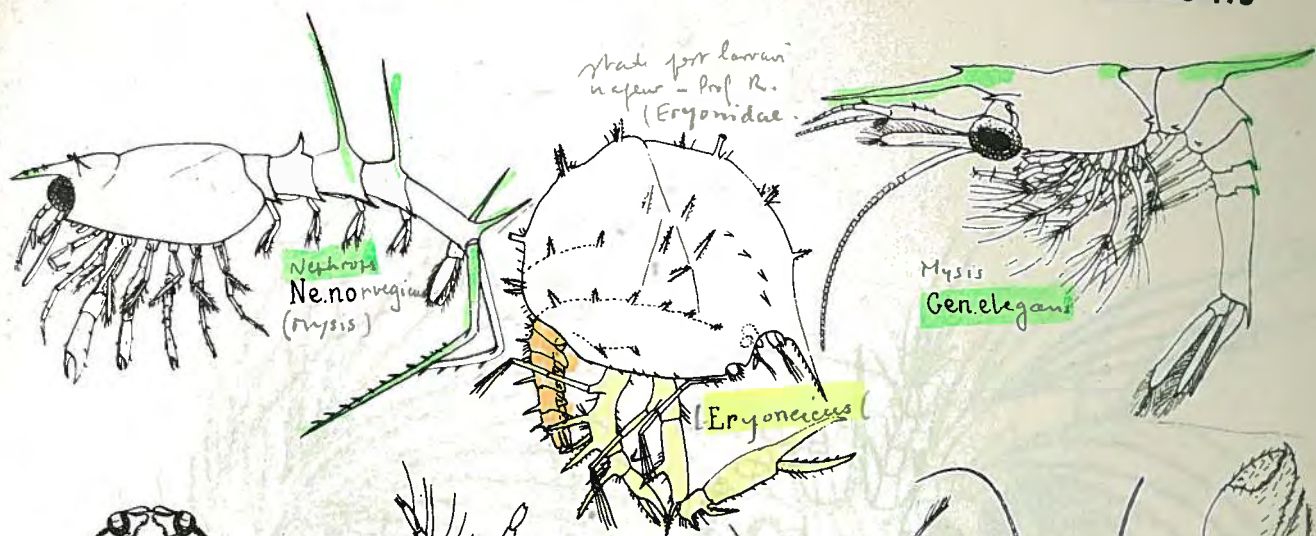
CHAPITRE XXXIII. 1, 2 : Larves d'Epicarides (Isopodes parasites); 3 : Métazoé d'Ethusa mascaron.

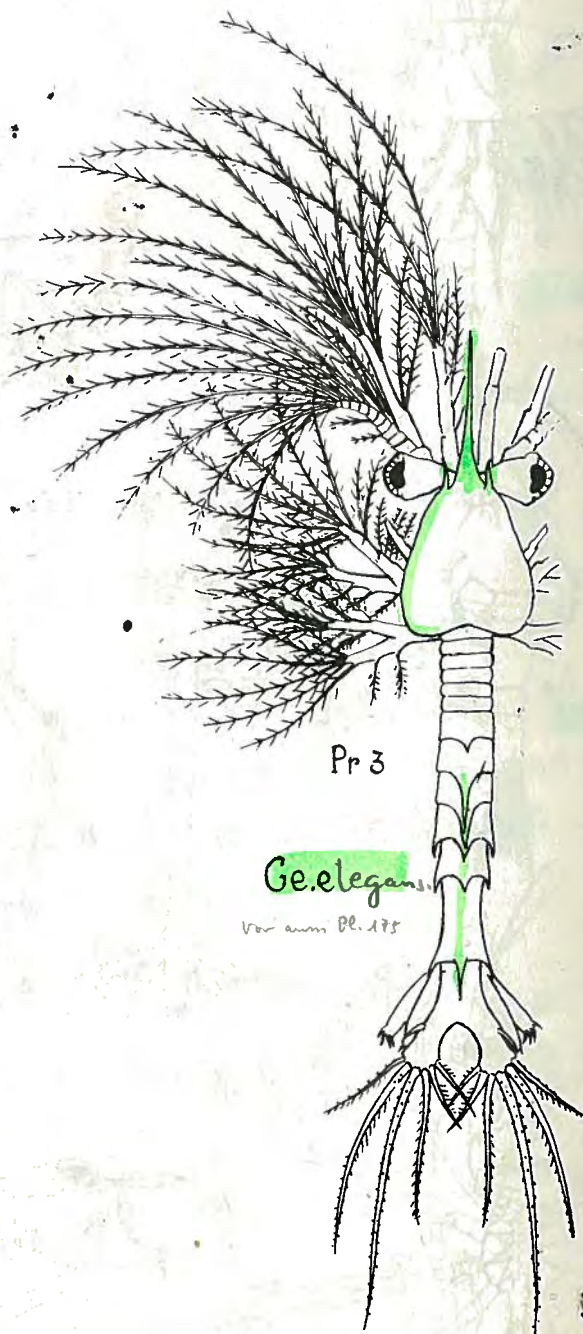


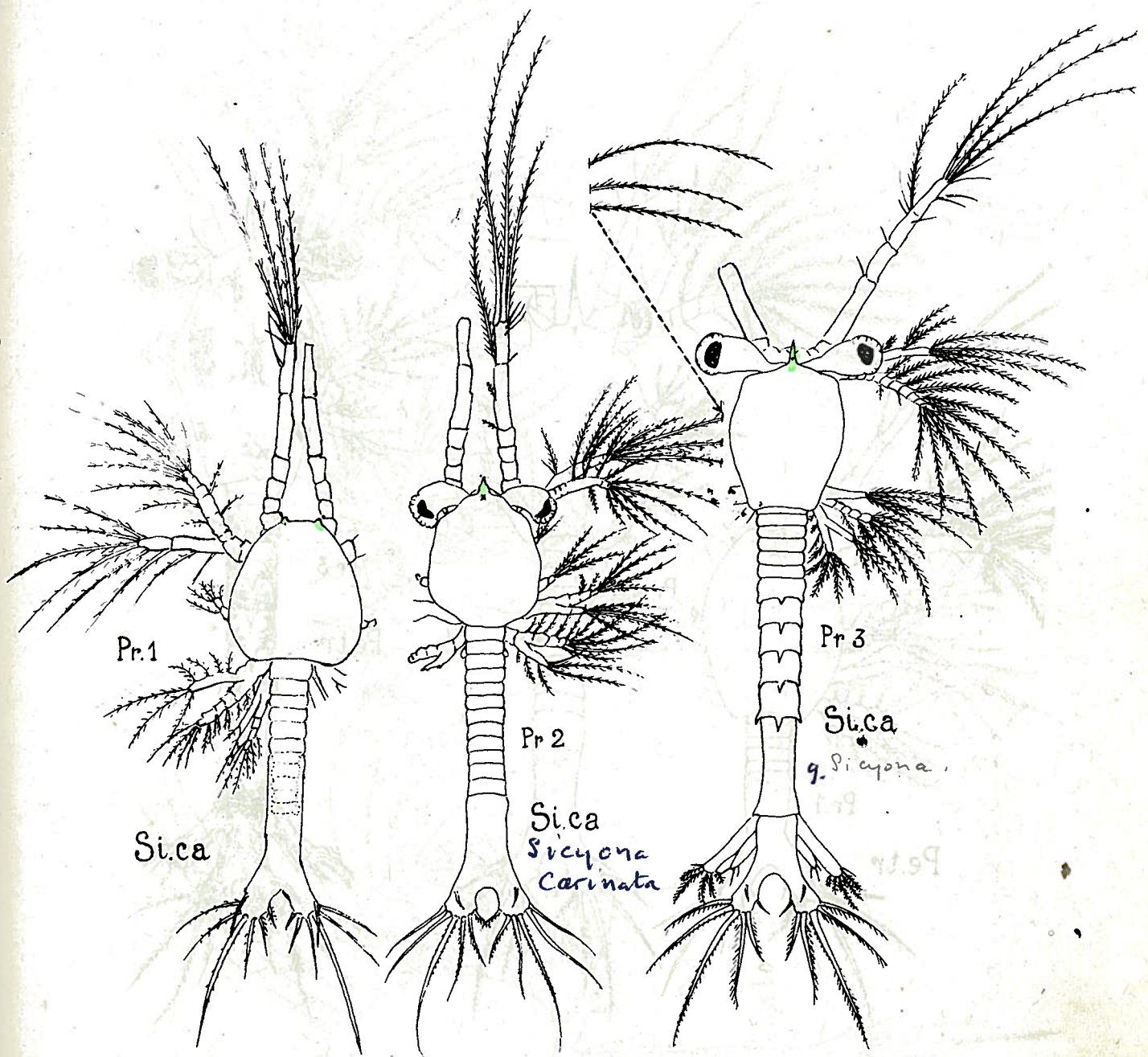


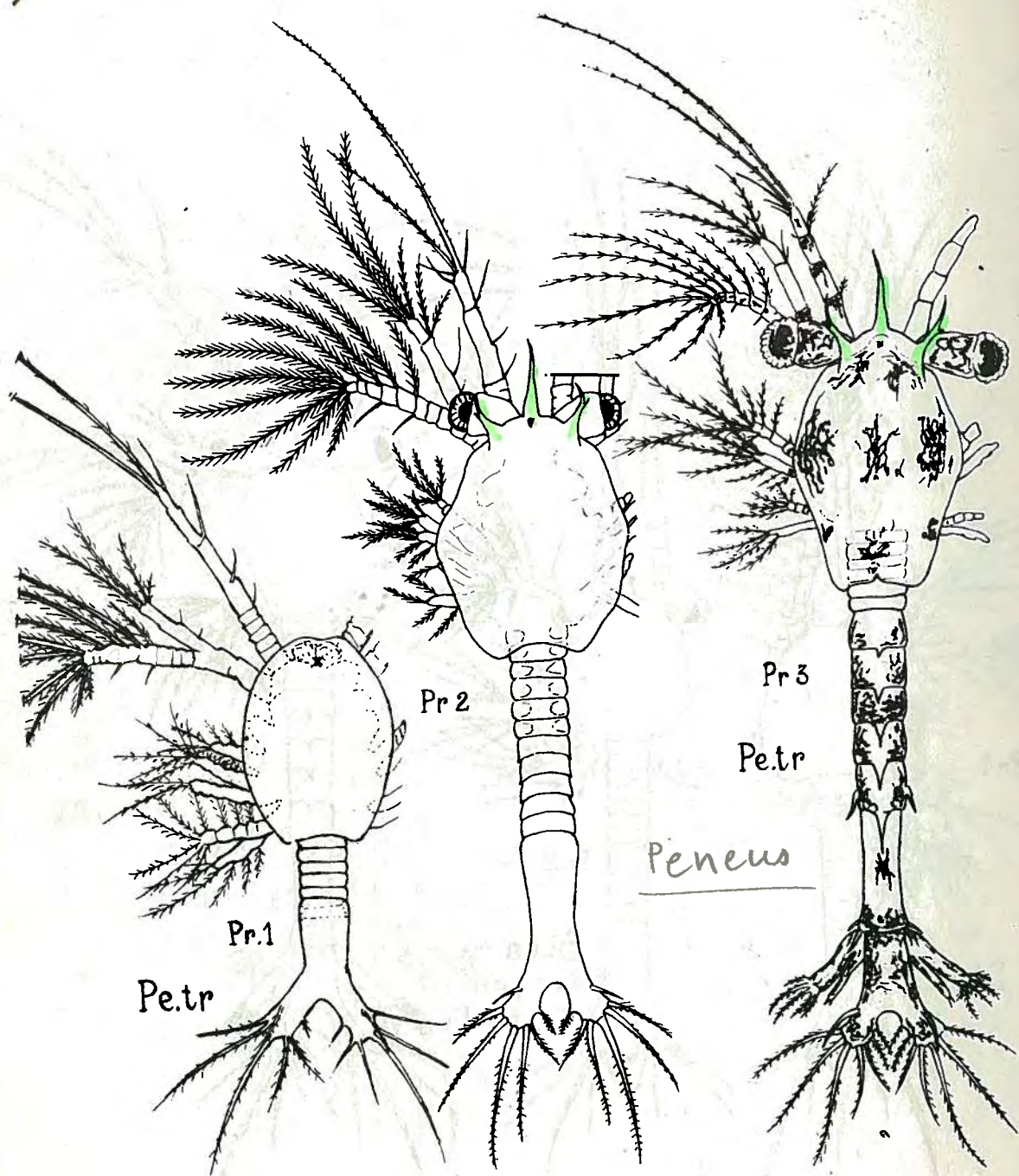


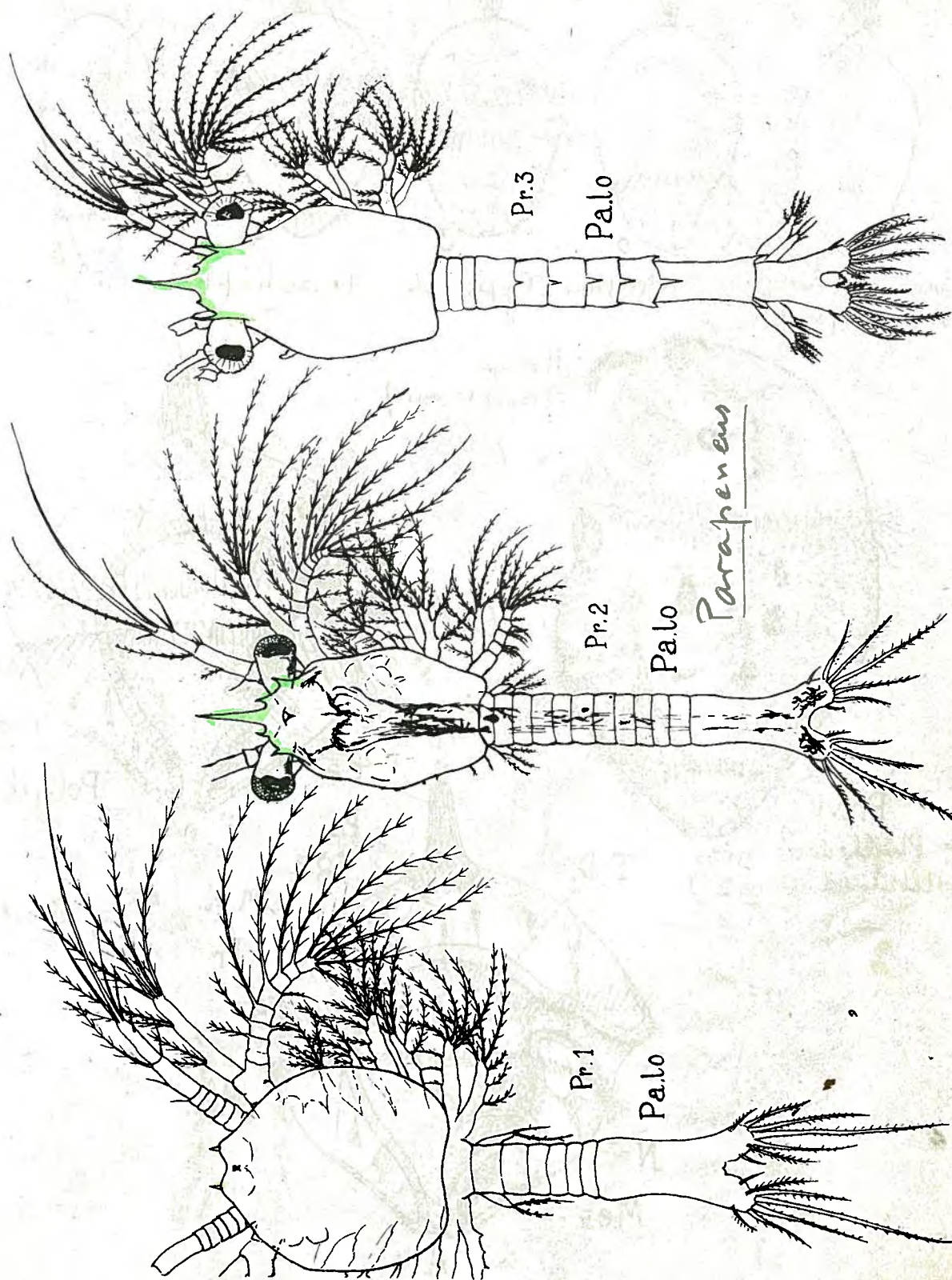










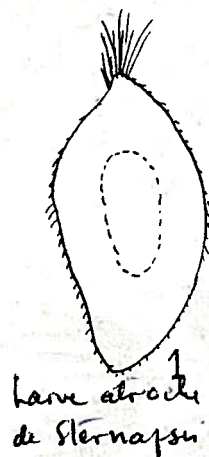


monotroque de chetopterus

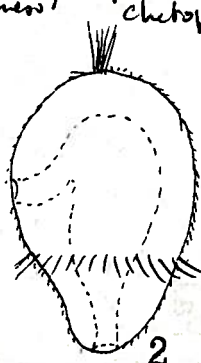
ditroque de polychordus

Telotroque

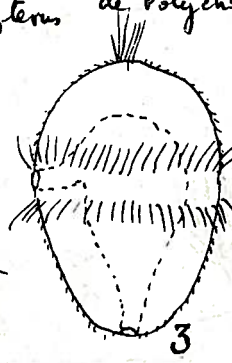
larve Polytroque d'ophryotrocha puerilis



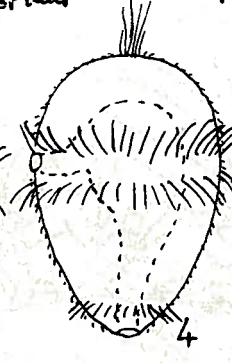
1
larve atroche de Sternaspis



2



3

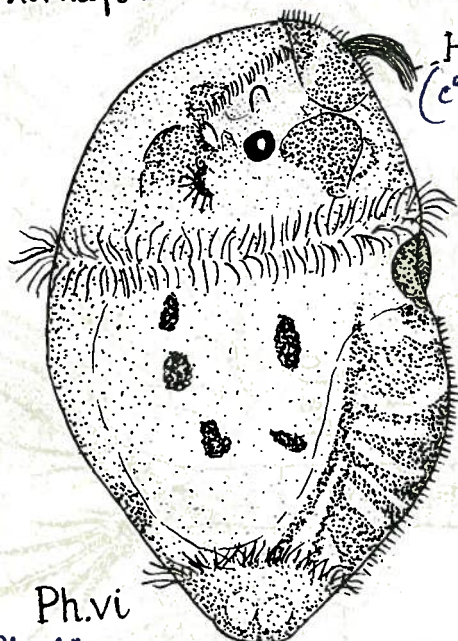


4



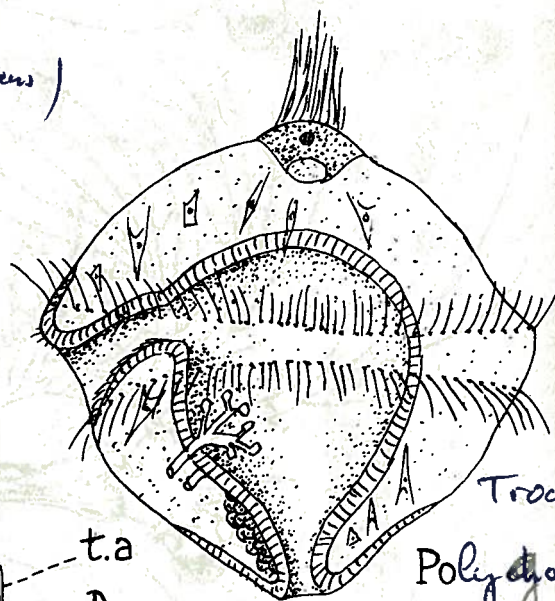
5

Principaux Types de Trochophores

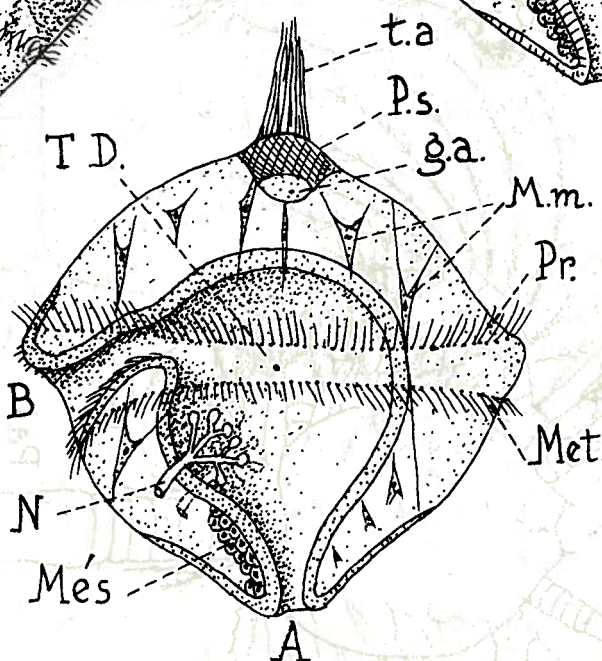


Ph.vi
Phyllosoce viridis
(Nebatrochophore II)

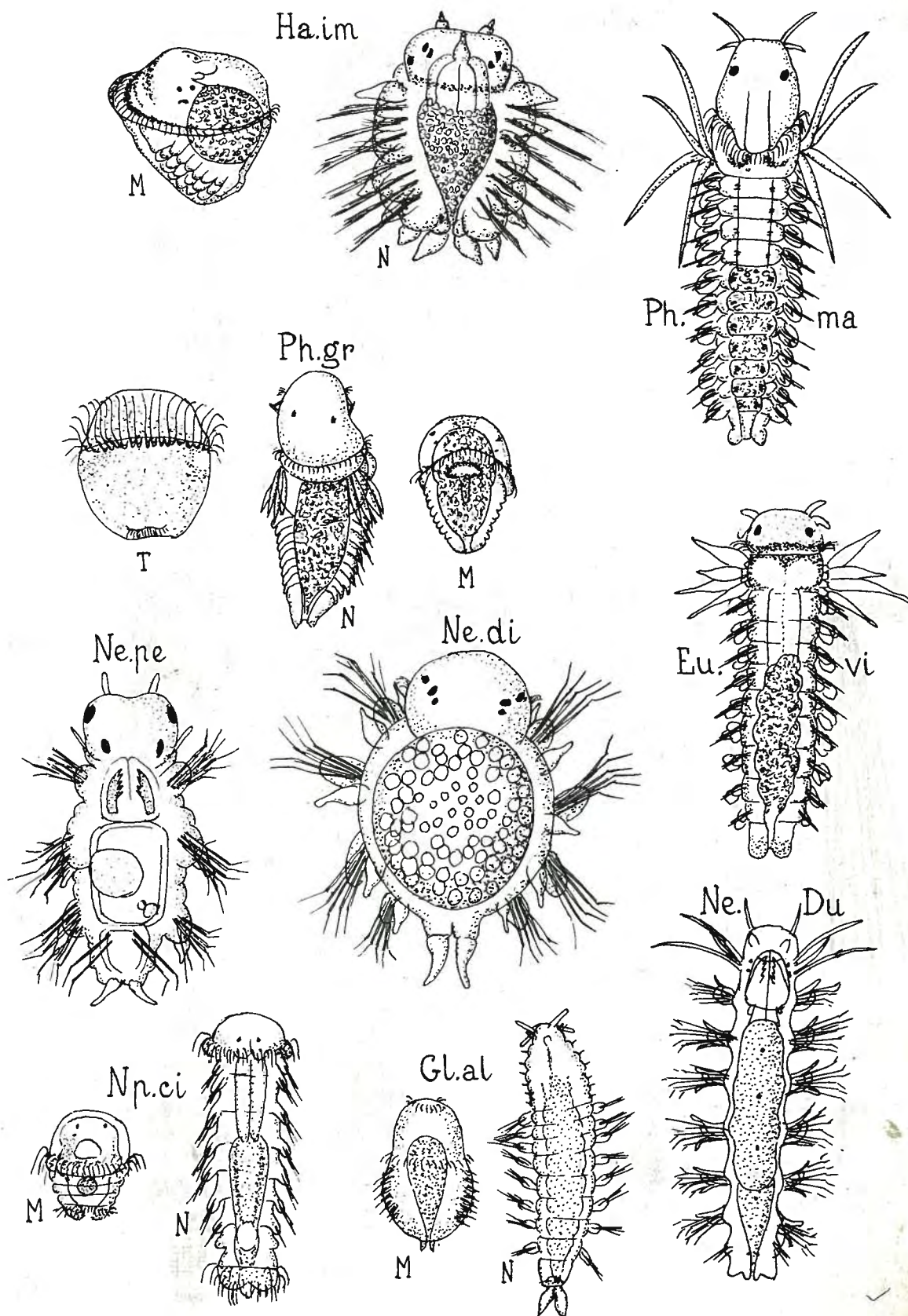
Houppé
(cf. Phyllosoceus)

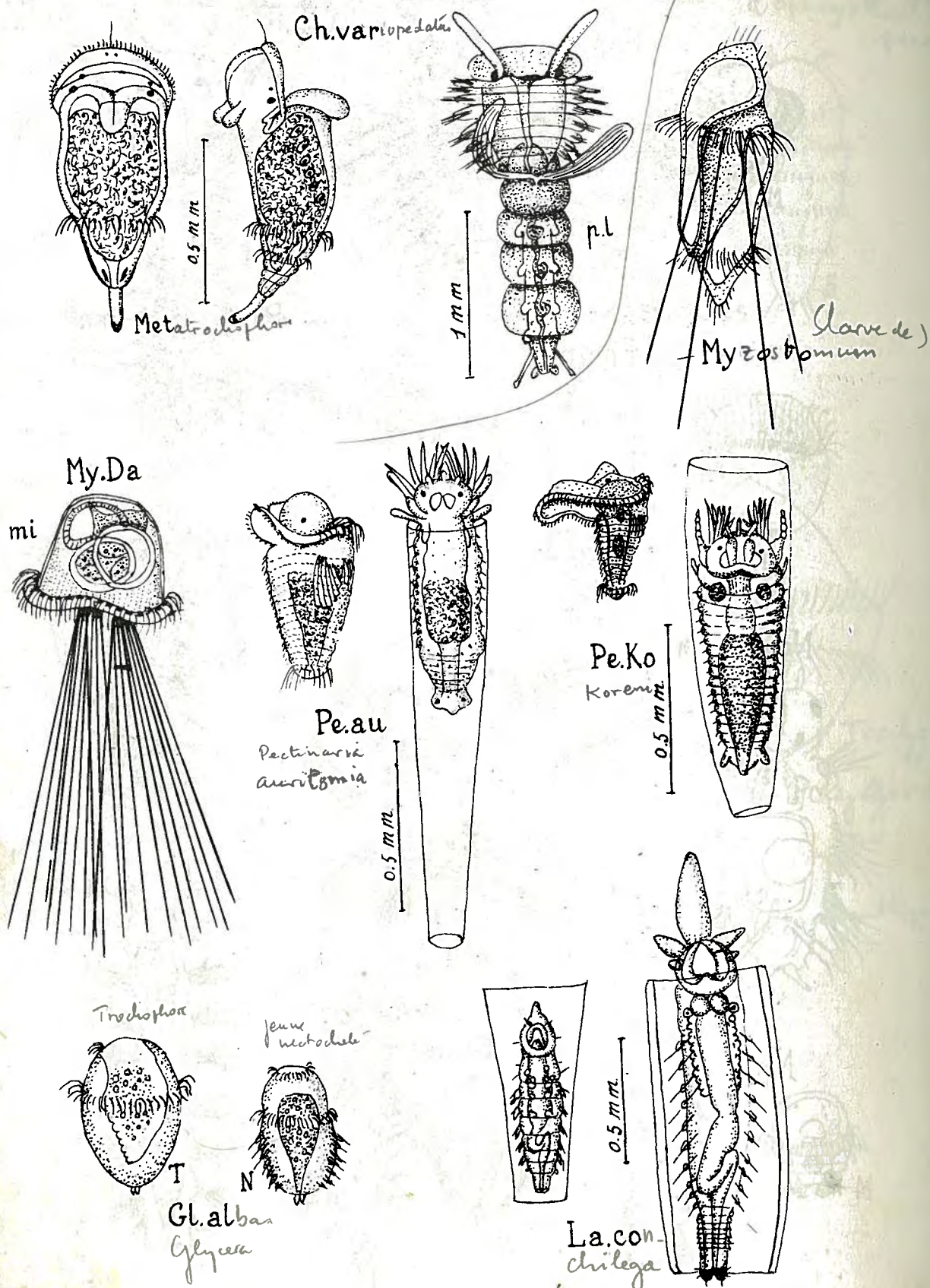


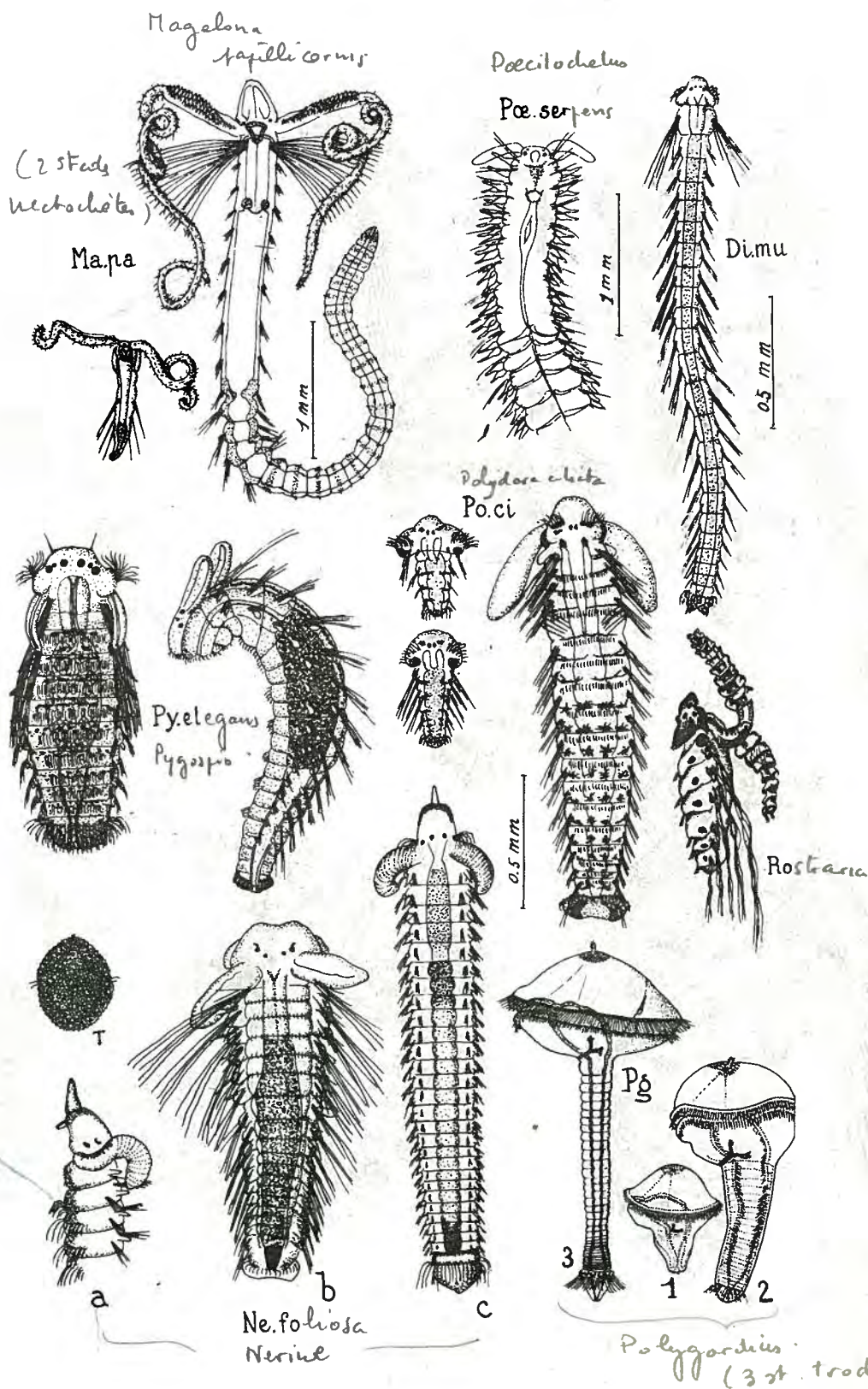
Trochophore
de
Polychordus

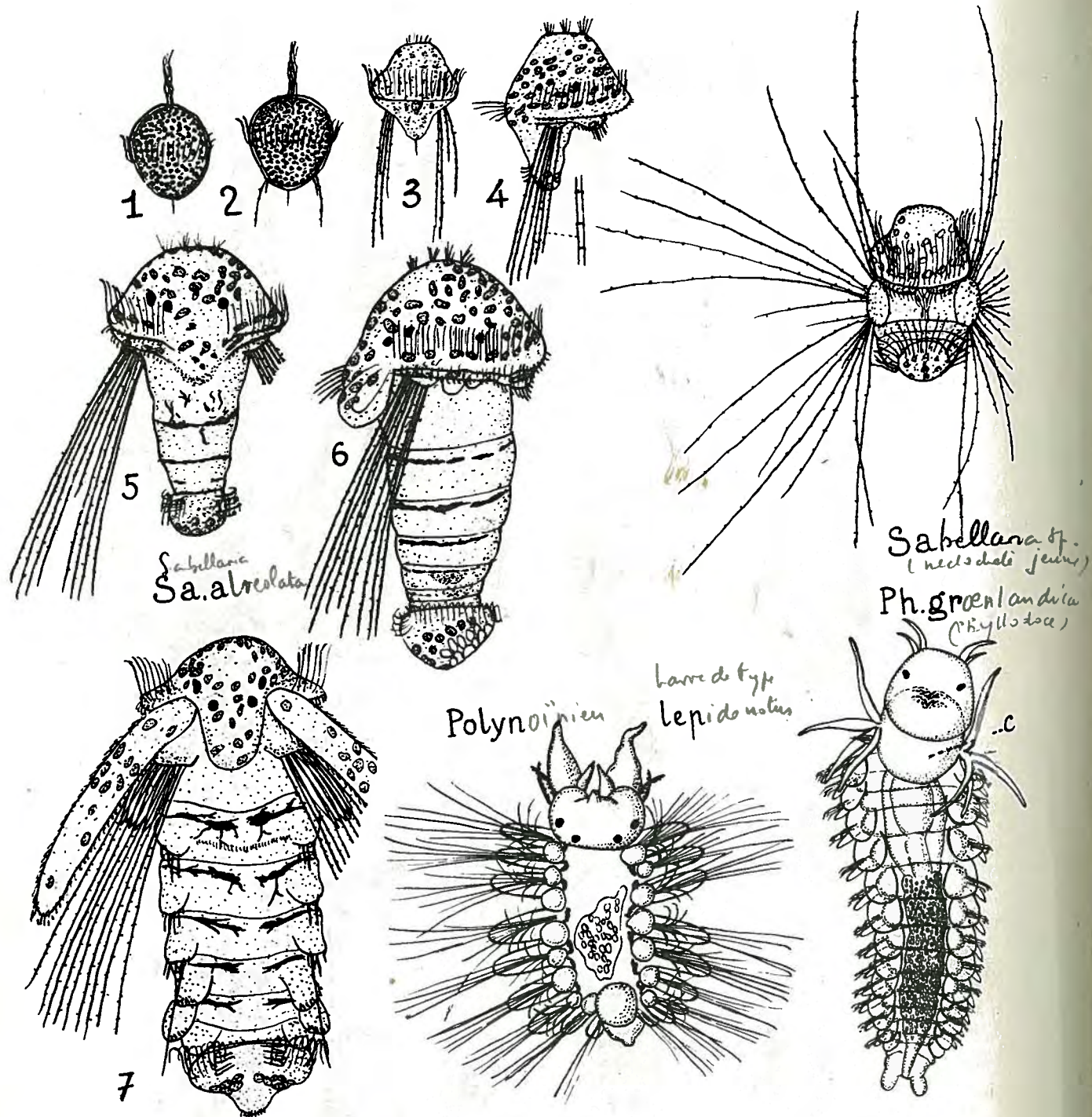


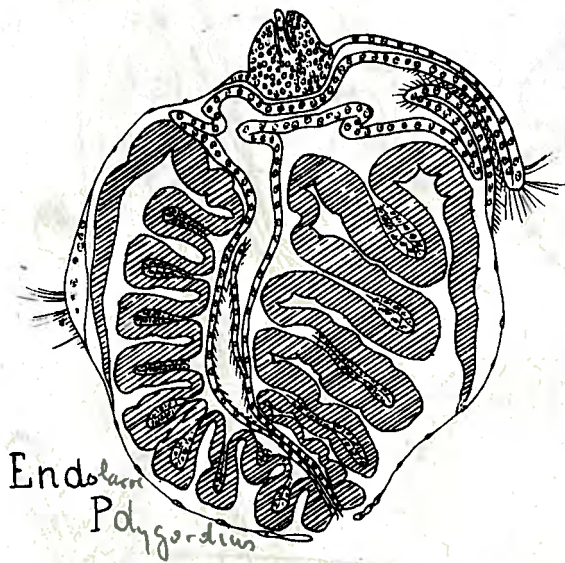
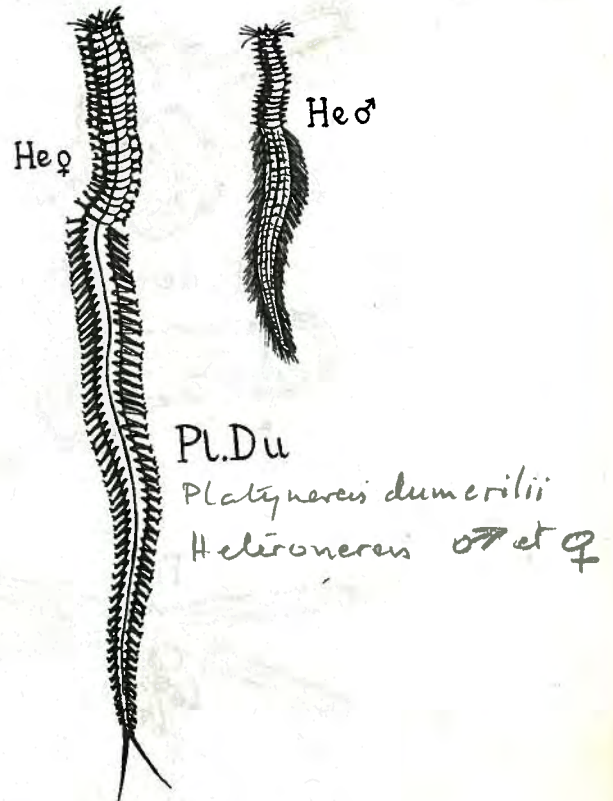
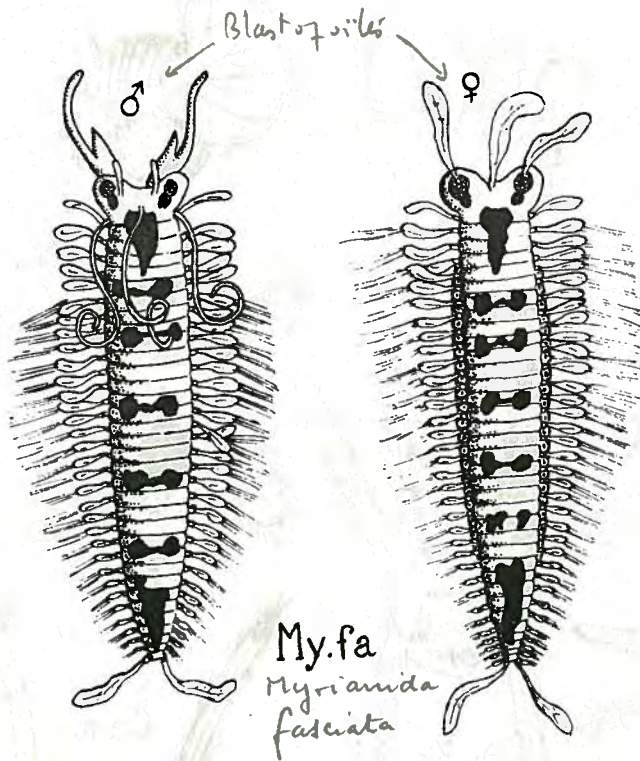
id (scholastique)







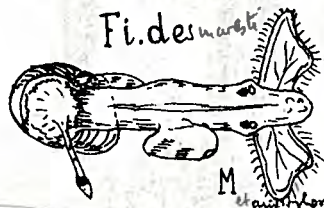




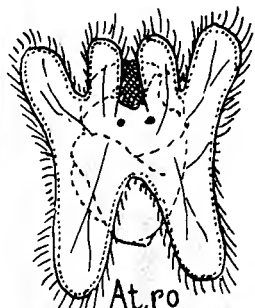
Atlantides



Fi. des marais

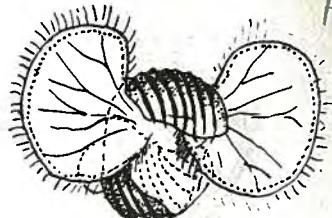


Fins

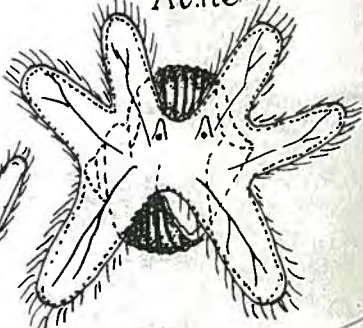


At.ro

Atlantides rogeri



At.helicoides



Fico



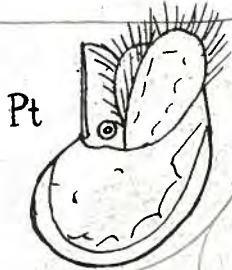
Ox.Ke

Oxygyrus Karandeni



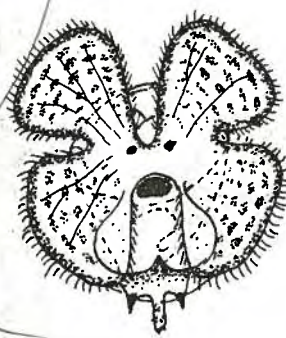
Ca.me

Carinaria mediterranea



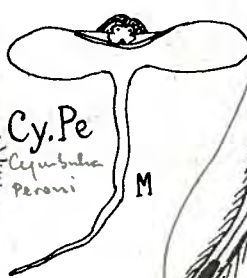
Pt

Pterotrachea



Cy.Pe

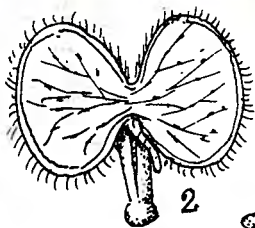
Cypraea Peroni



M

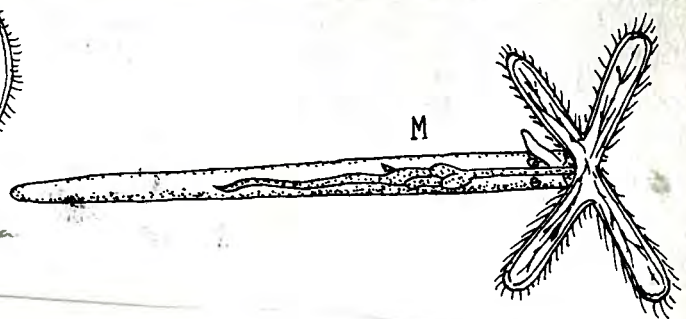


1

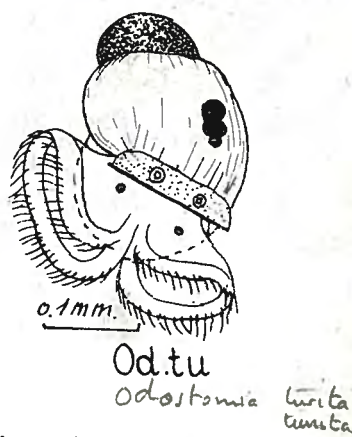
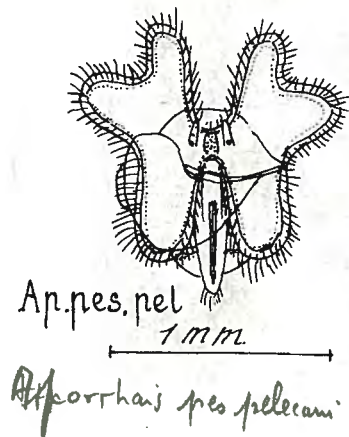
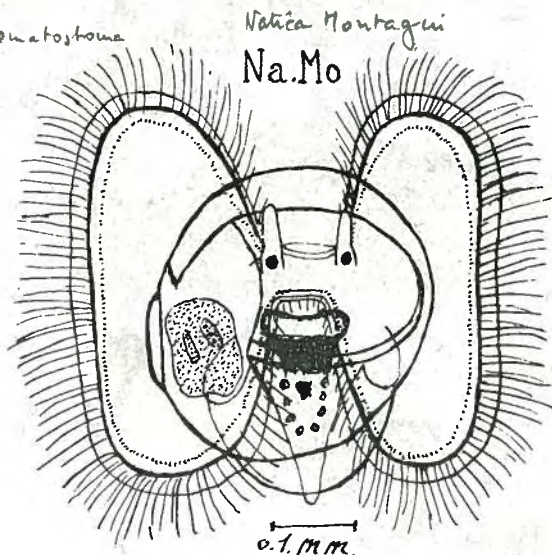
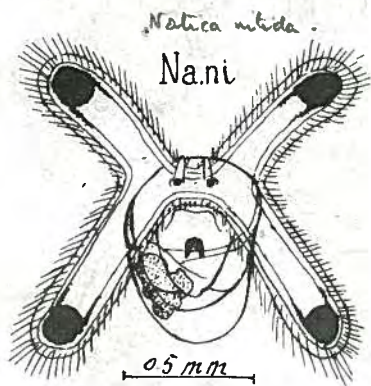
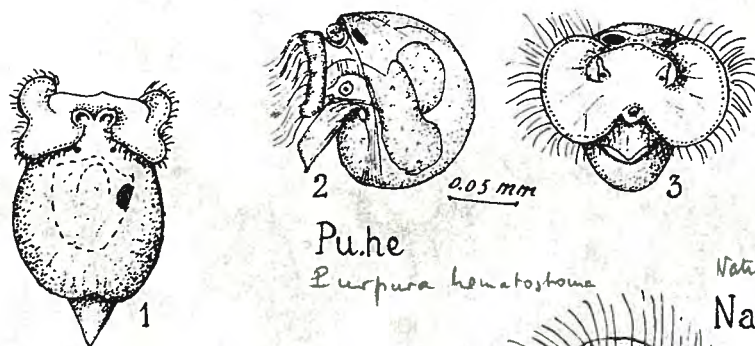
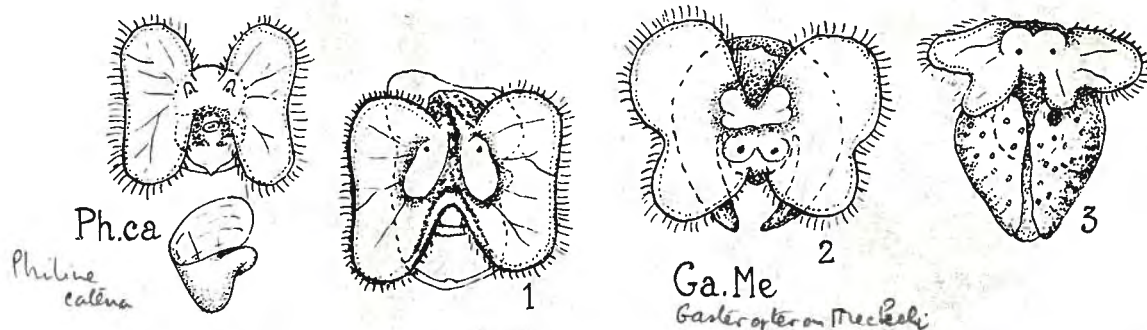


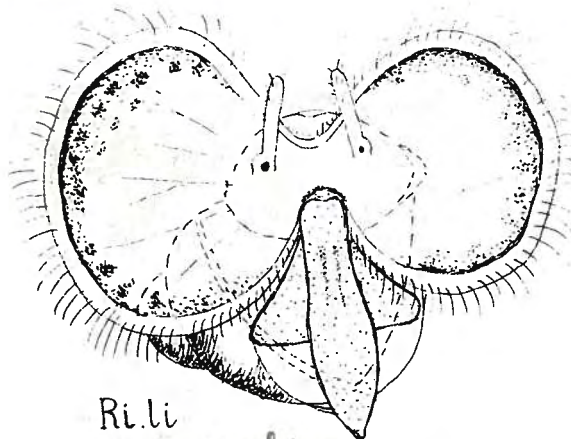
2

Cr.acicula



M

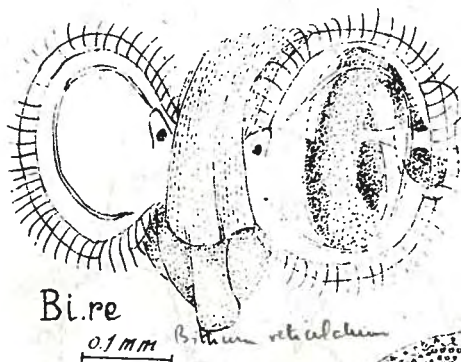




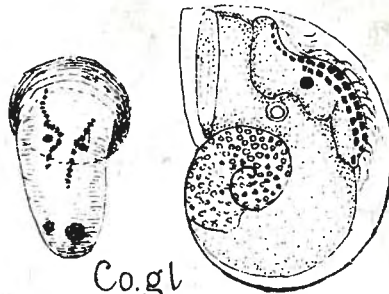
Ri.li
Rissoc lineolata



Vermelinus

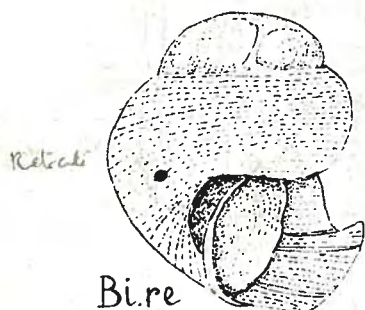


Bi.re
0.1 mm *Bire reticulatum*

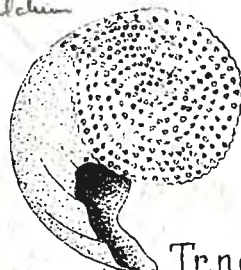


Co.gl
Cœcum glabrum

0.1 mm



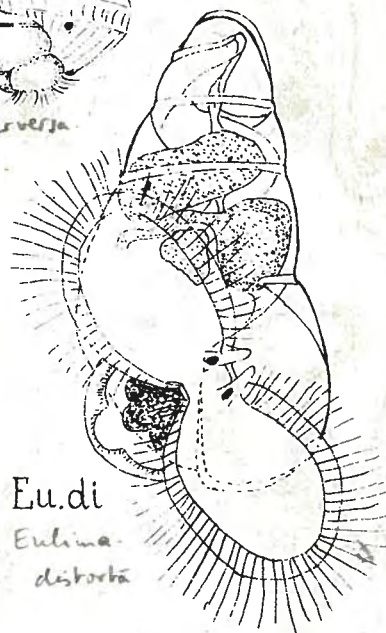
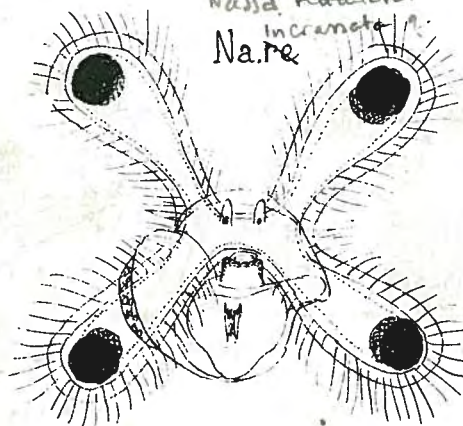
Bi.re
(id)



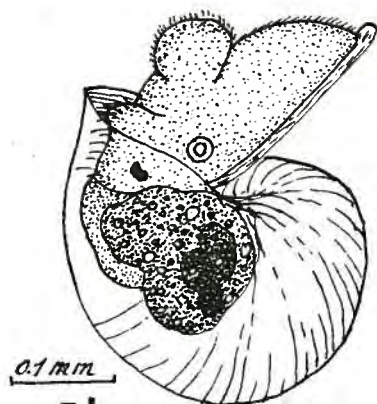
Tr.pe
Triphora perversa



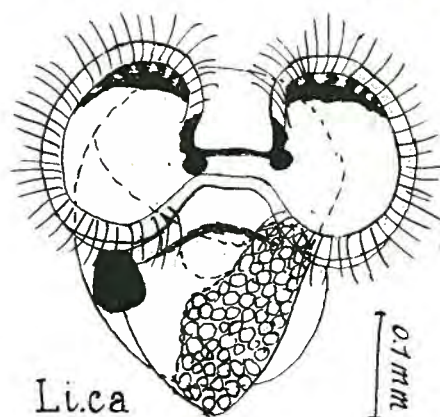
Nassa reticulata
Na.re
incranata



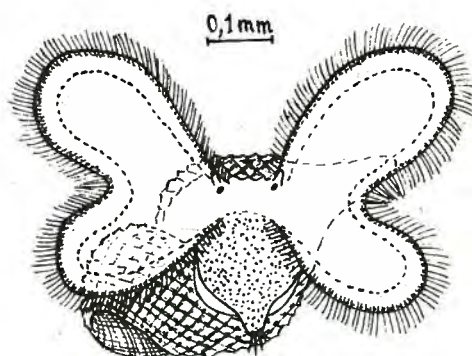
Eu.di
Eulima distorta



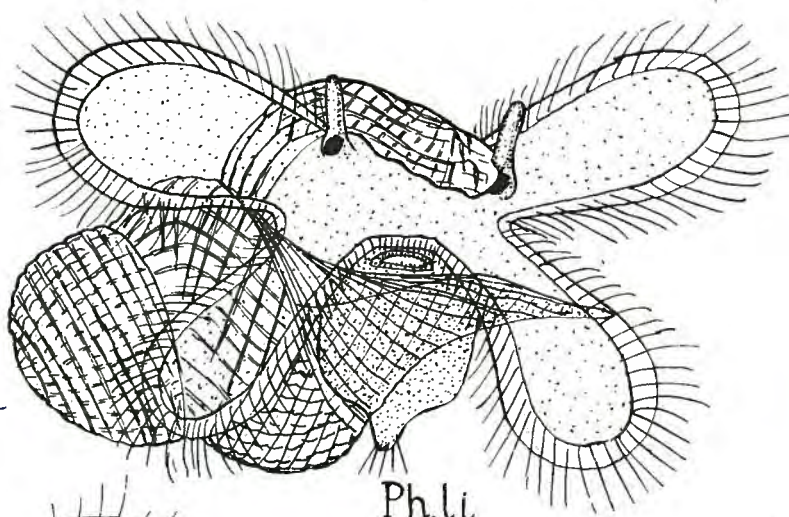
El.viridis
Elysia viridis



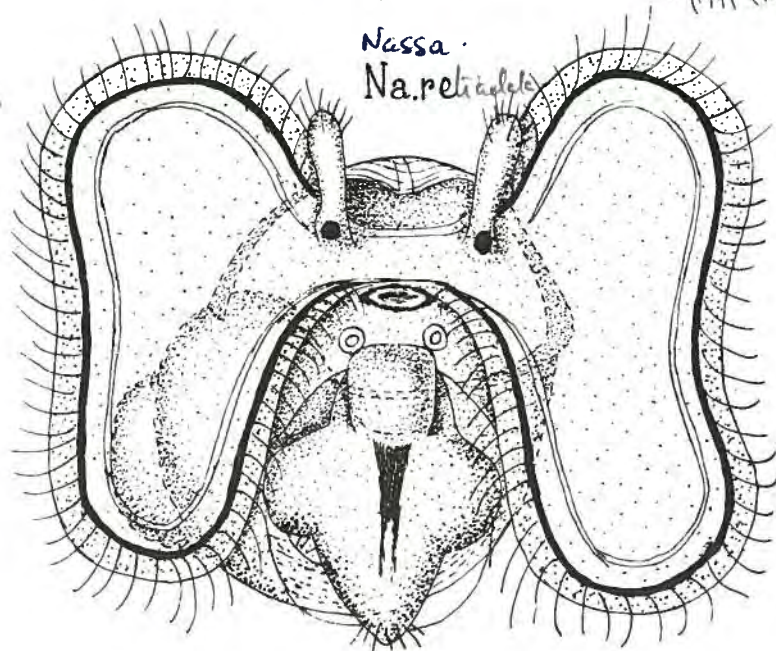
Li.ca
Limapontia capitata



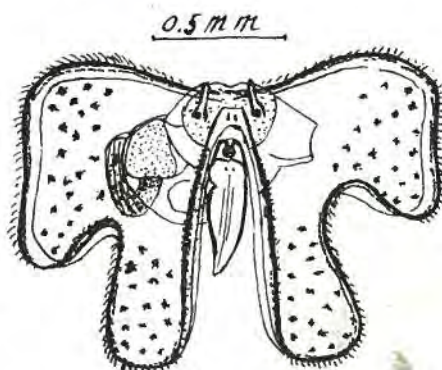
Ph.purpurea
Phyllidia purpurea



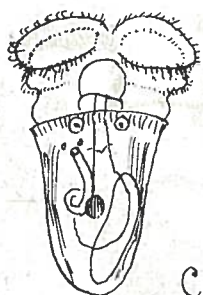
Ph.li
Philibertia lunaris
0.1 mm



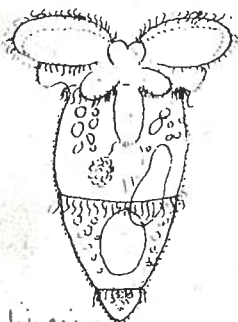
Nassa
Na.reticulata



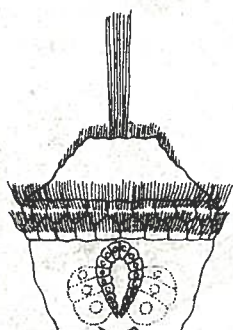
Ma.at
Mangelia attenuata



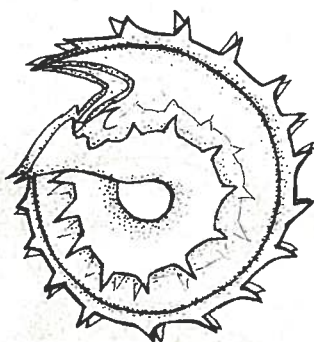
Cl.li
Clione limacina



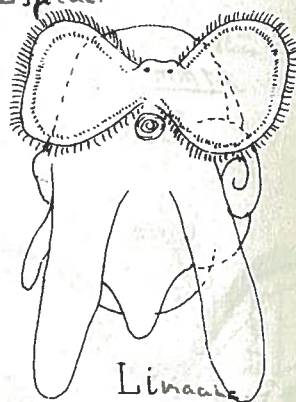
- Lape
Lamellana perspicua



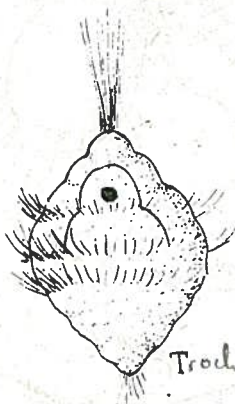
Palate (Trochophore)



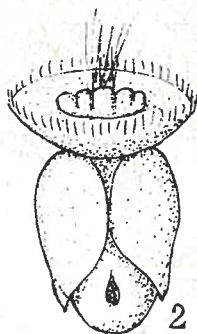
Echinopora sp.



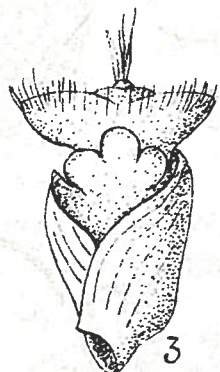
Limacina



Trochophore

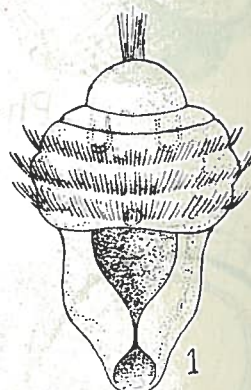


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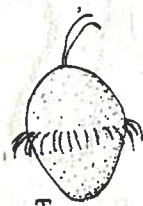


3

Dentale

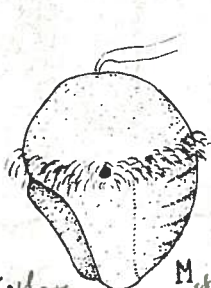


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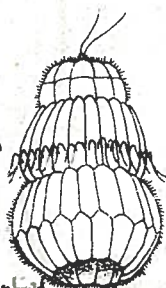


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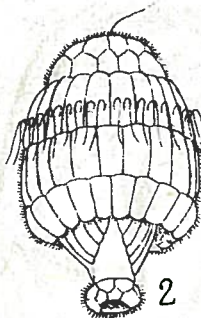
Placophore



M



1



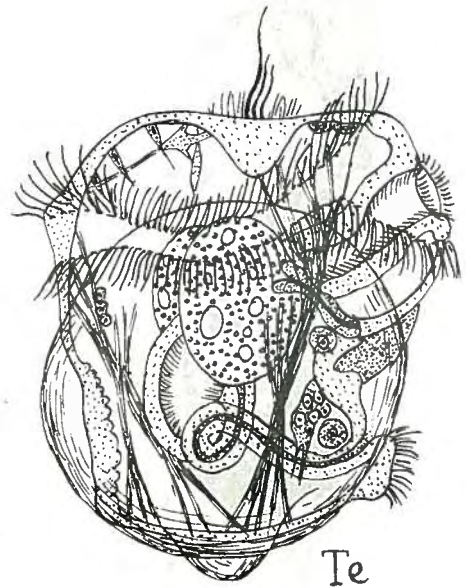
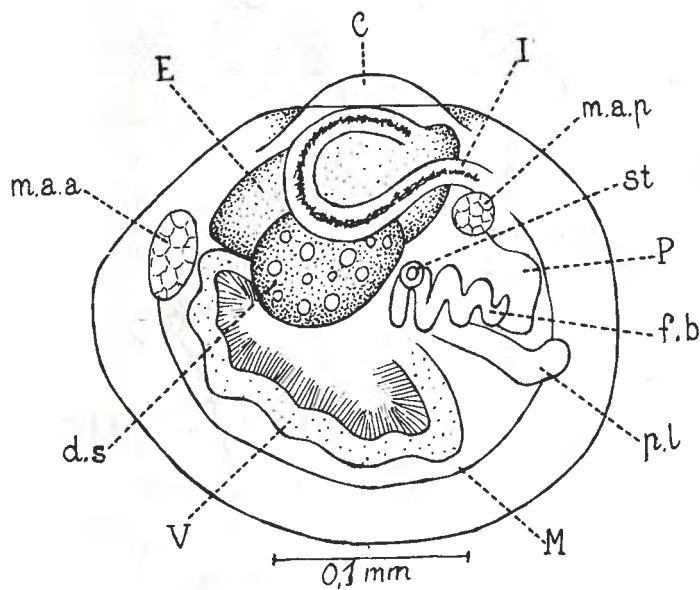
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My.ba

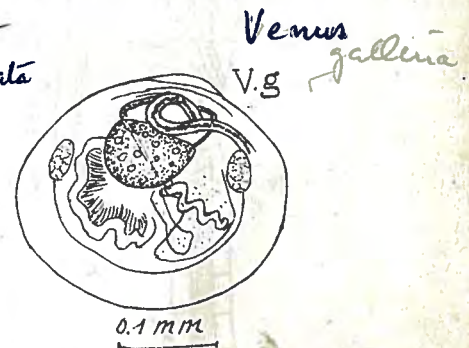
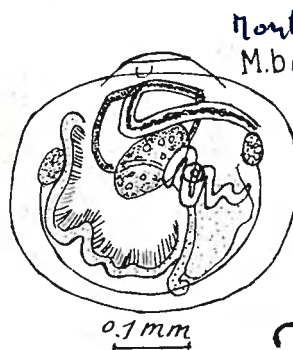
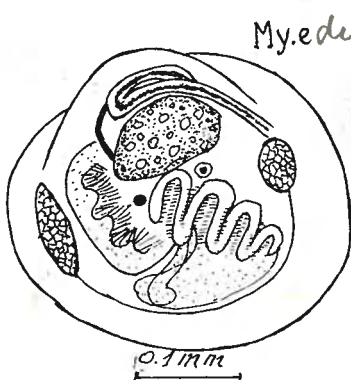
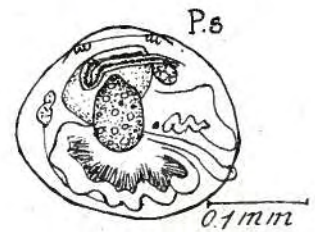
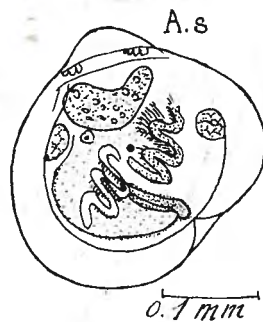
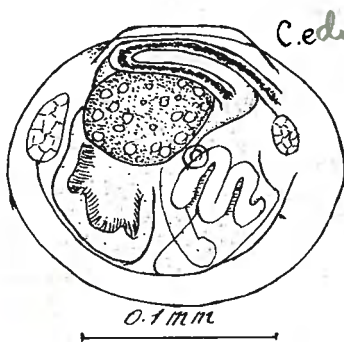
Mytilus banyulensis



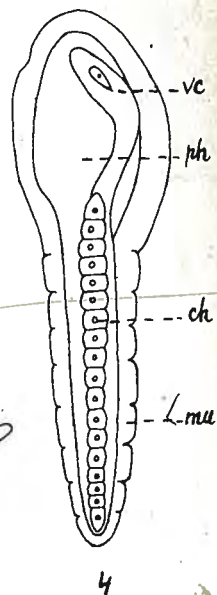
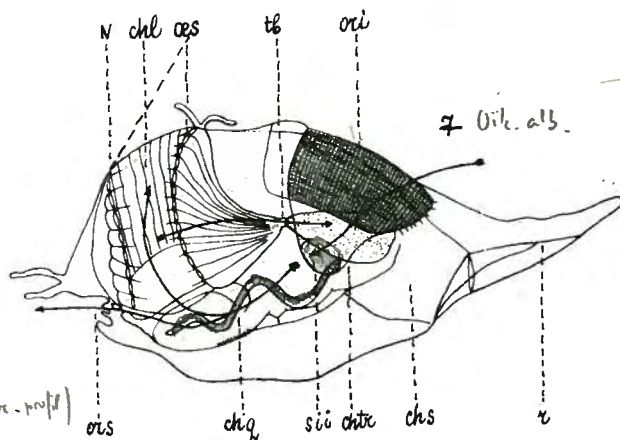
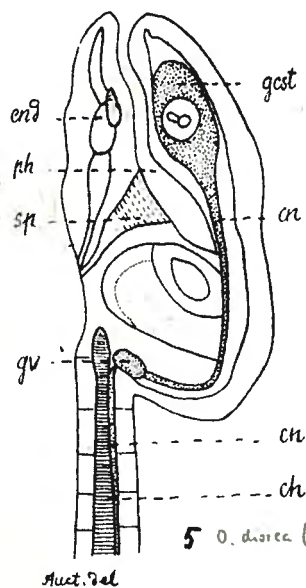
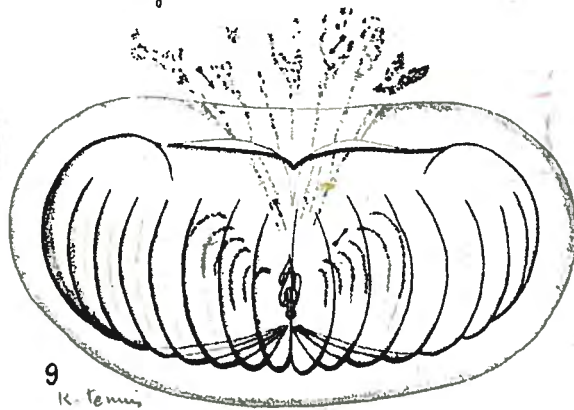
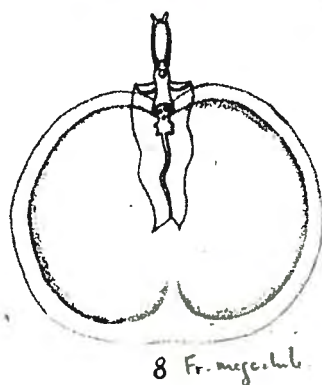
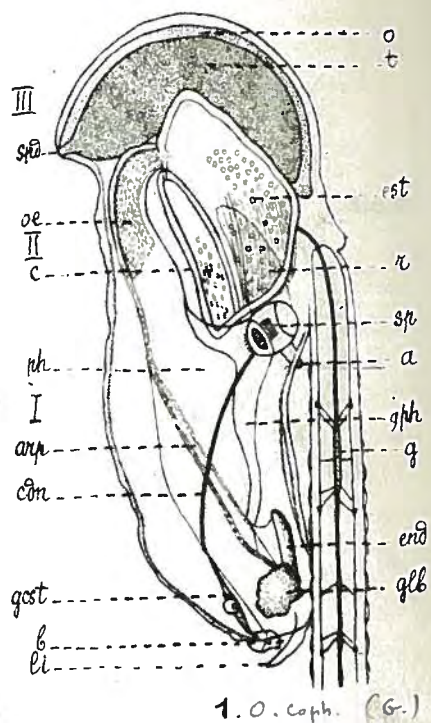
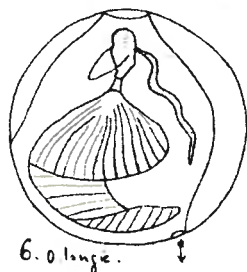
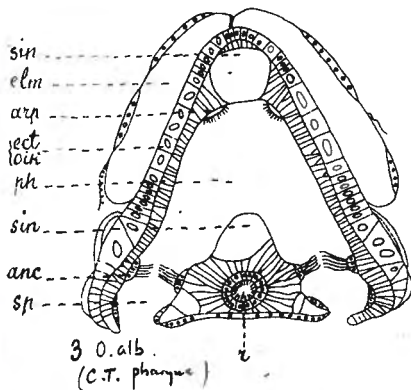
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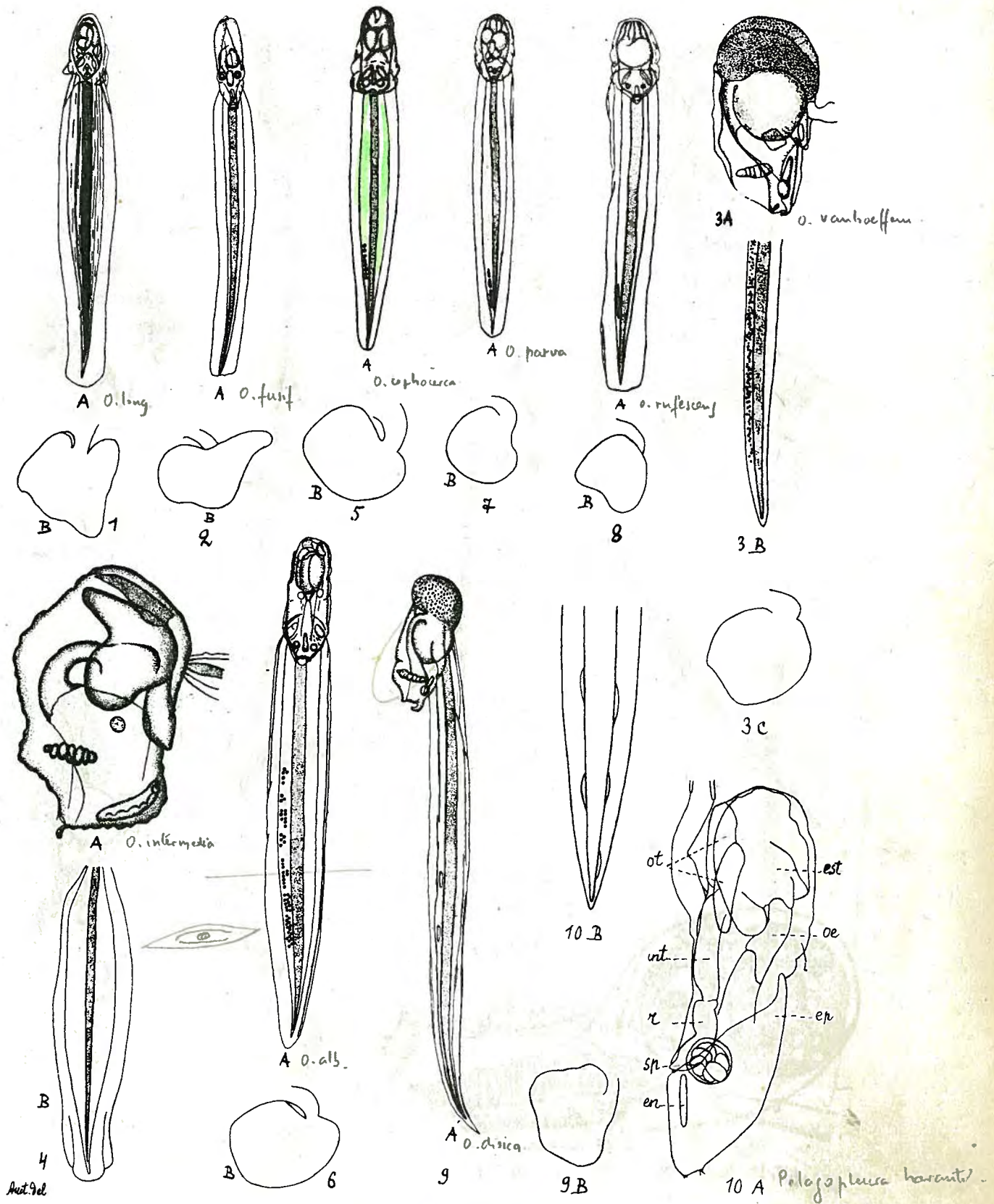


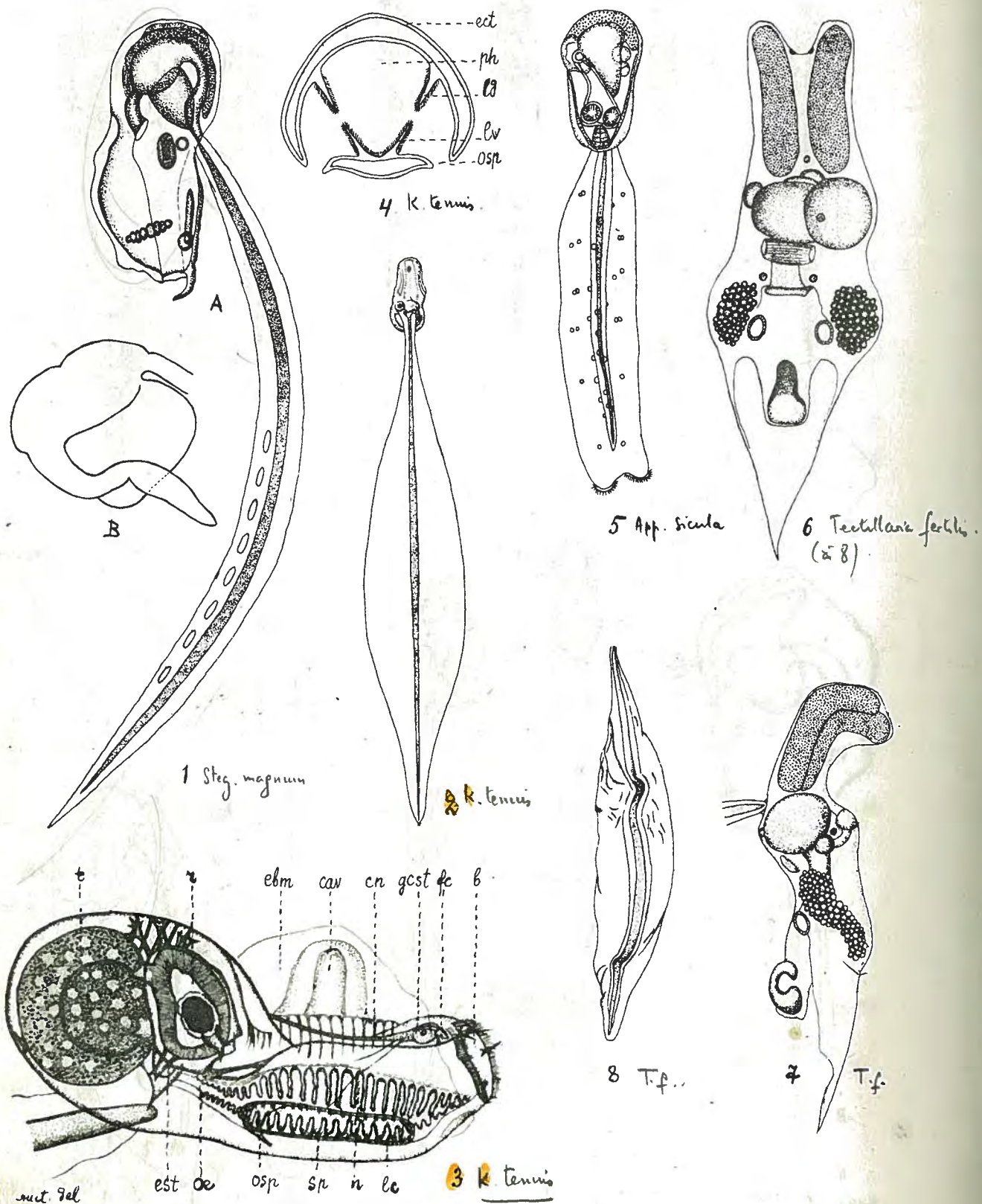
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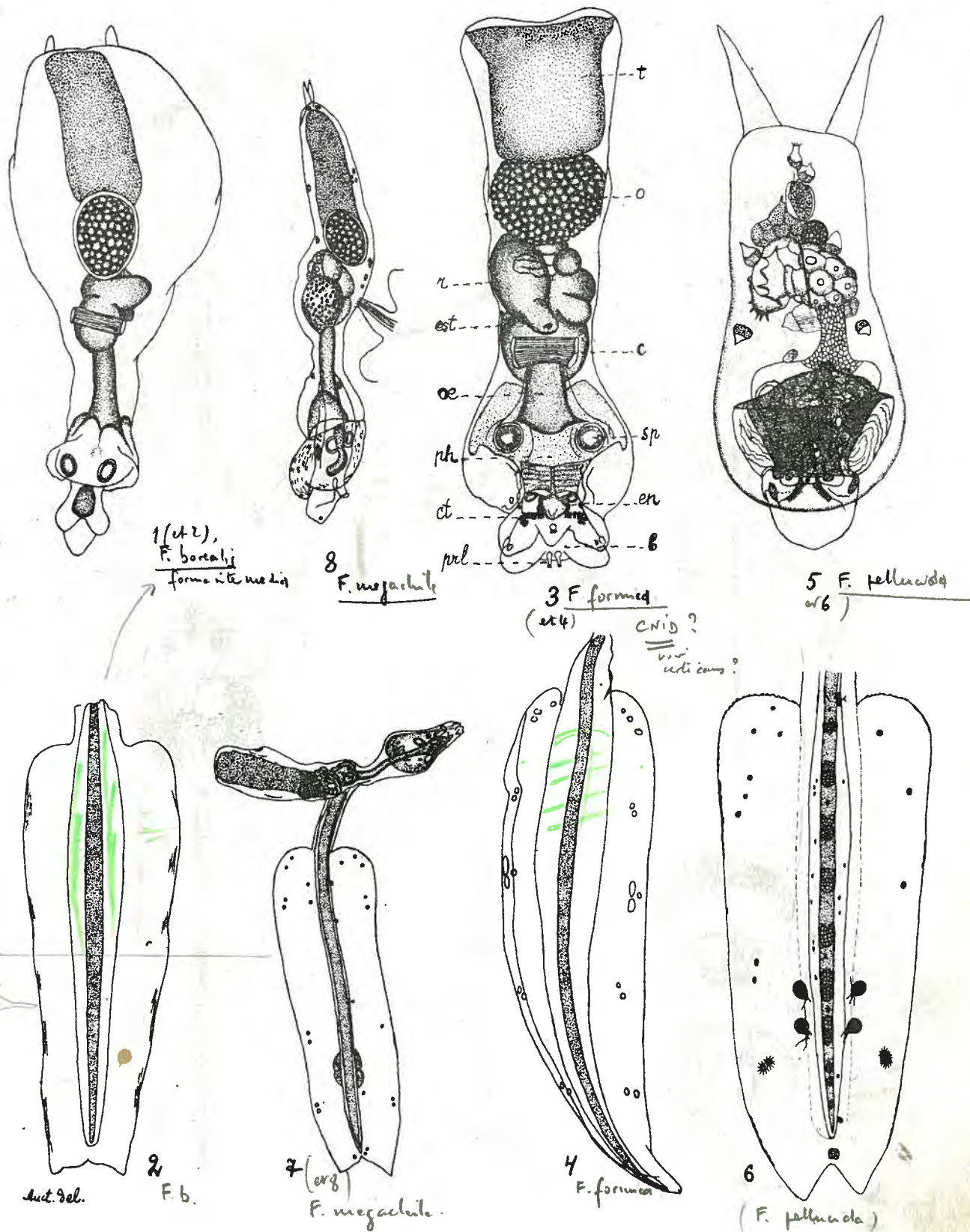


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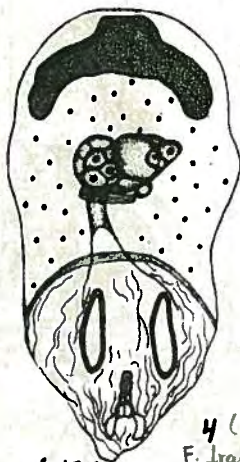




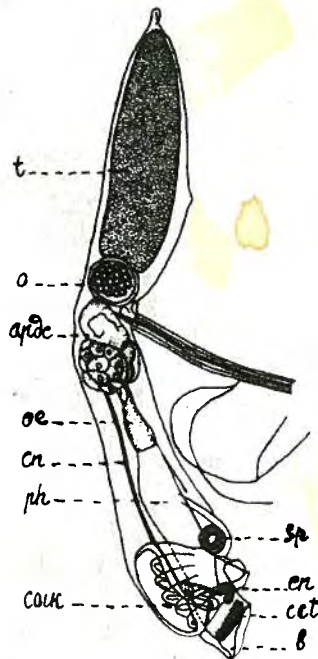
6 (57)
F. urticans



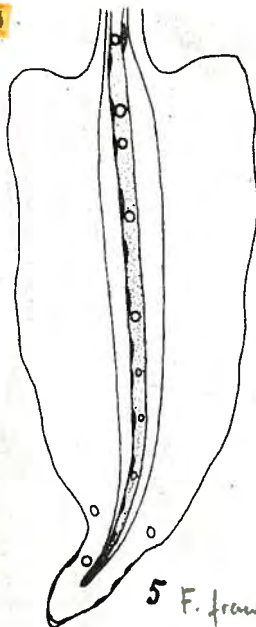
7 *F. urticans*



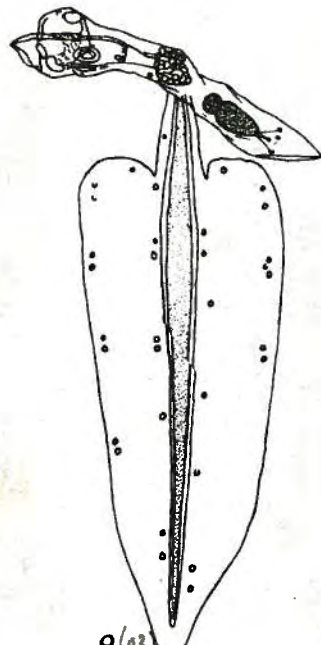
4 (55)
F. frondax
Ant. 9d.



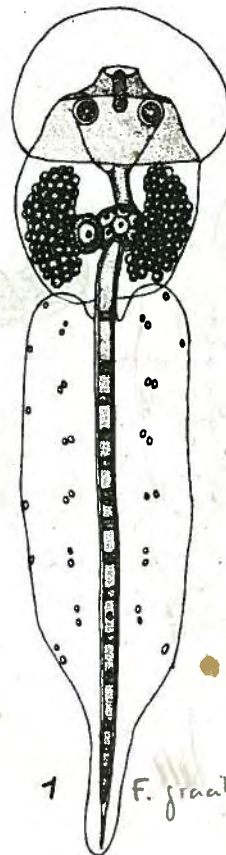
3 *F. haplostomus*



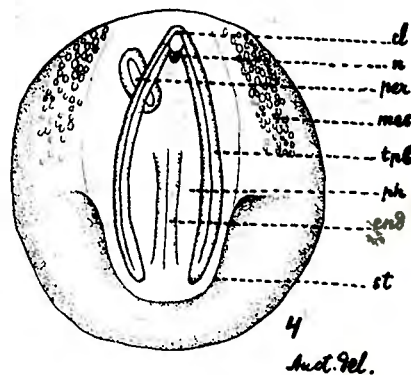
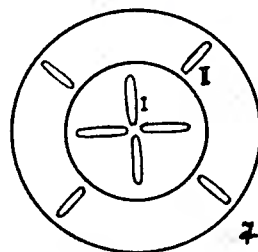
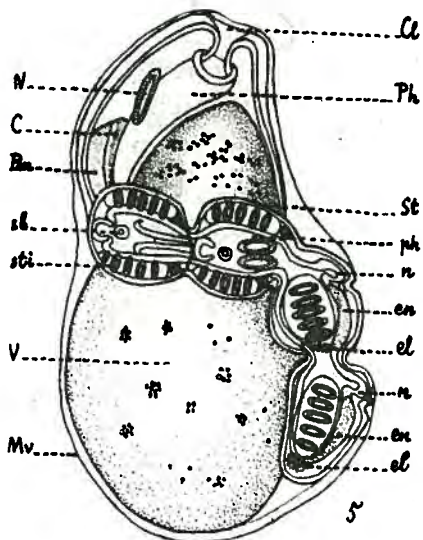
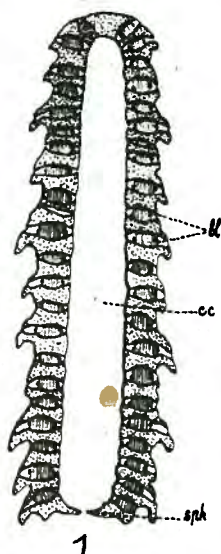
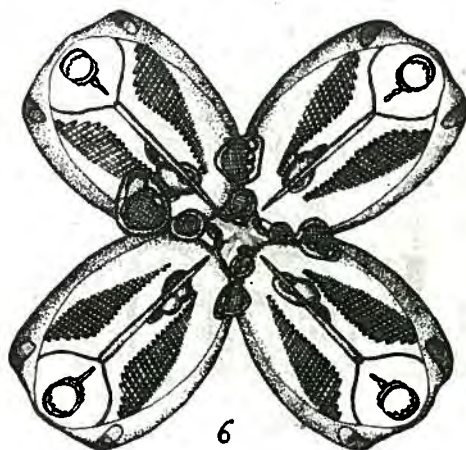
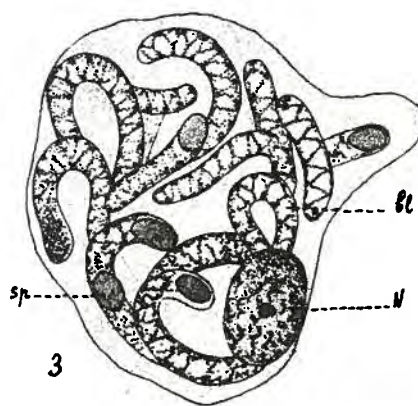
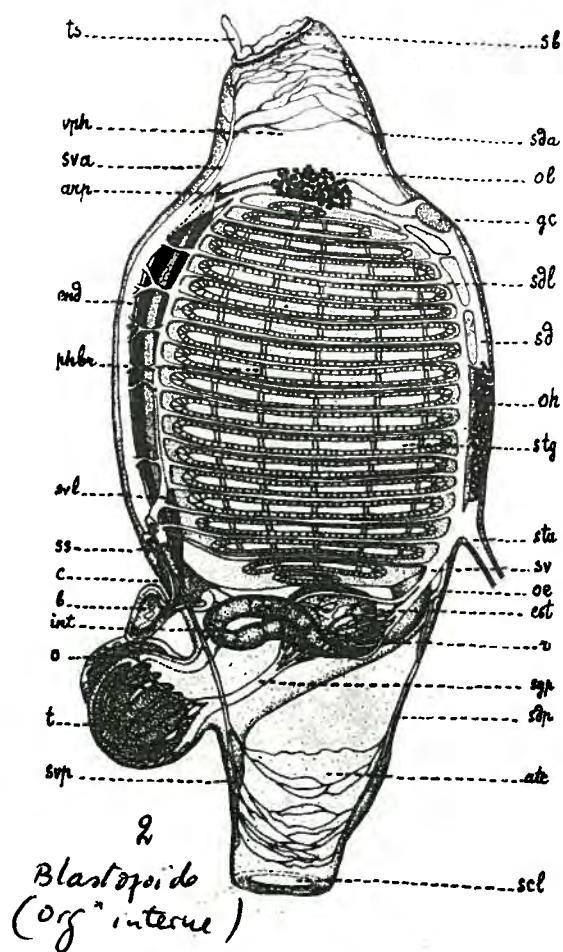
5 *F. frondax*



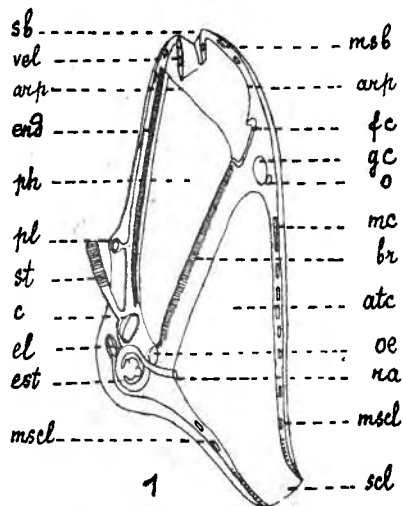
2 (53)
F. haplostomus



1 *F. graalis*

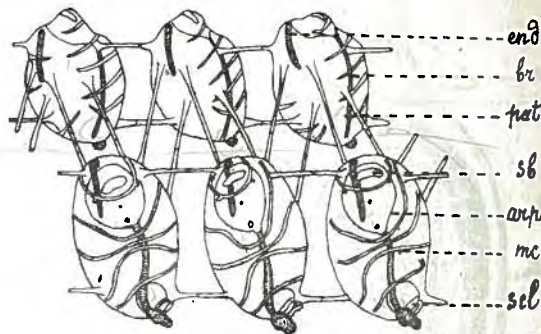


oozoïde

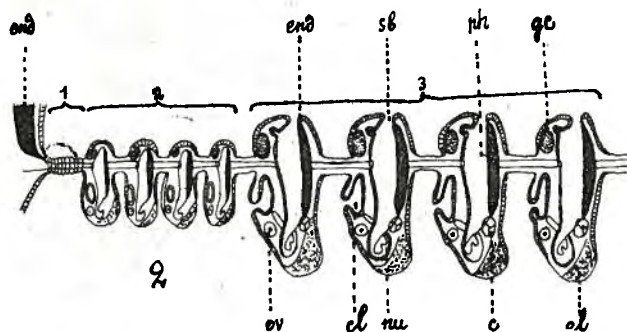


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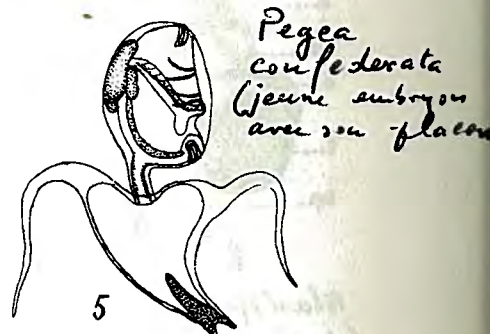
Thalia democrática (jeune chaîne)



3

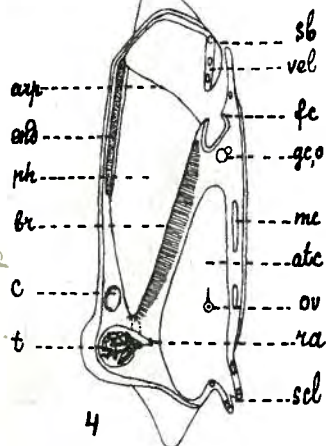


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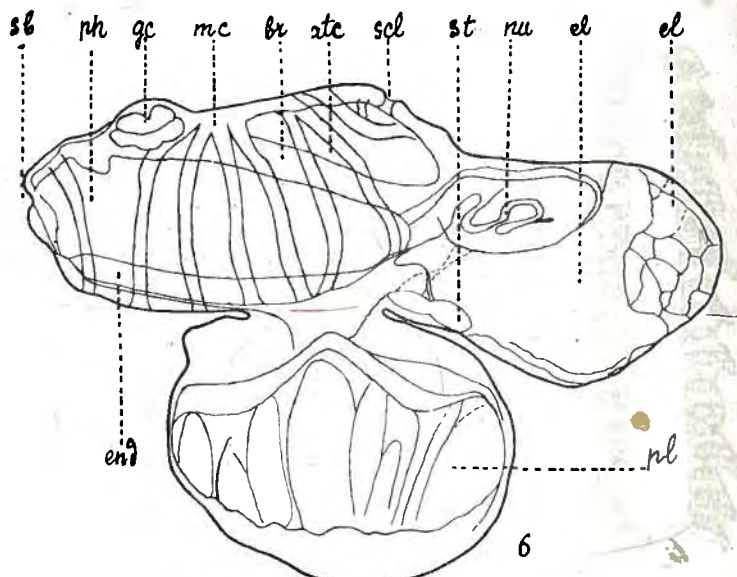


5

Pegea confederata
jeune embryon
avec son placenta



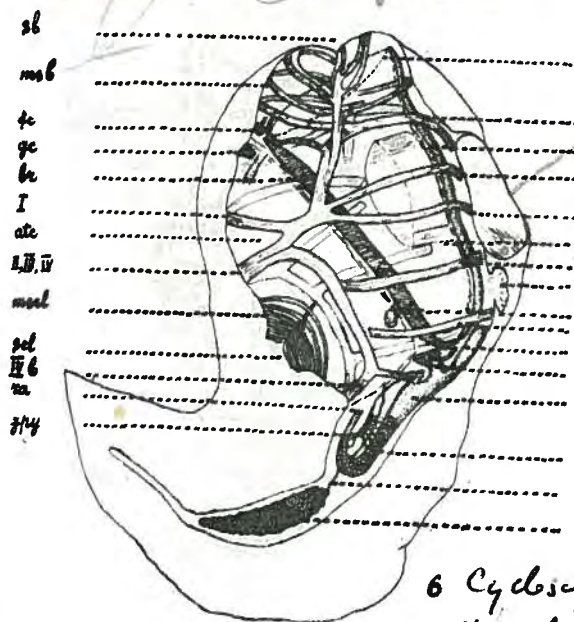
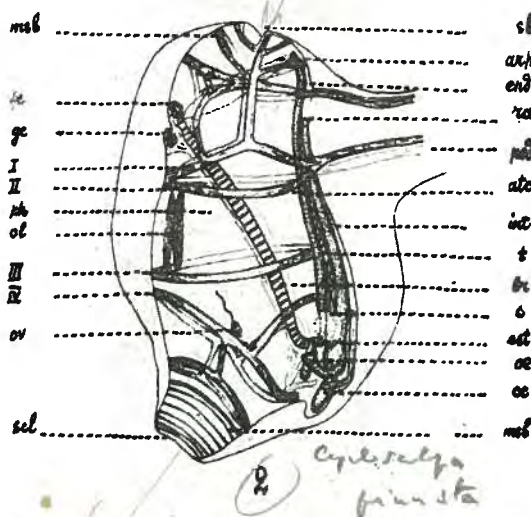
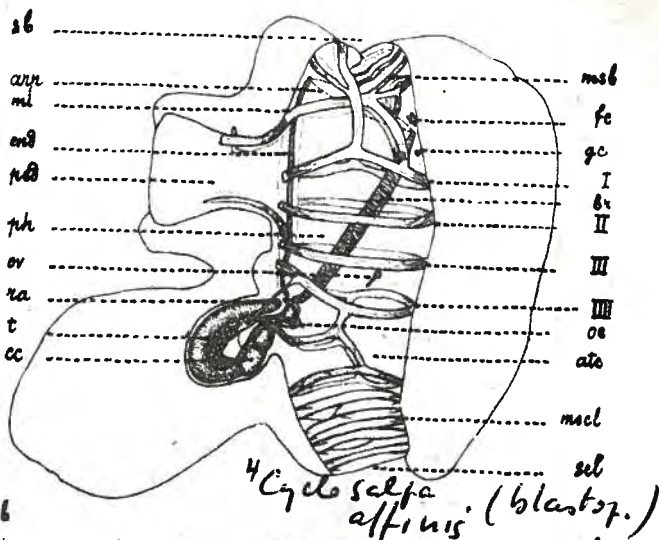
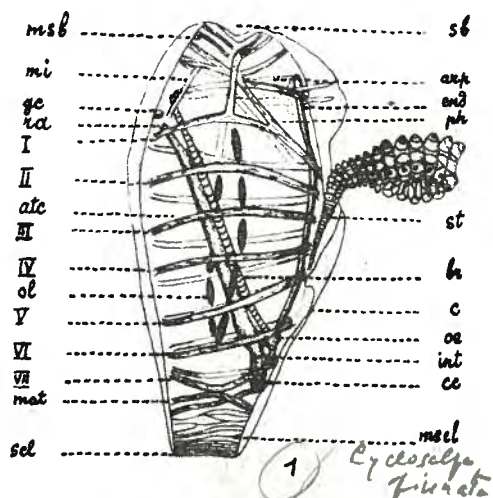
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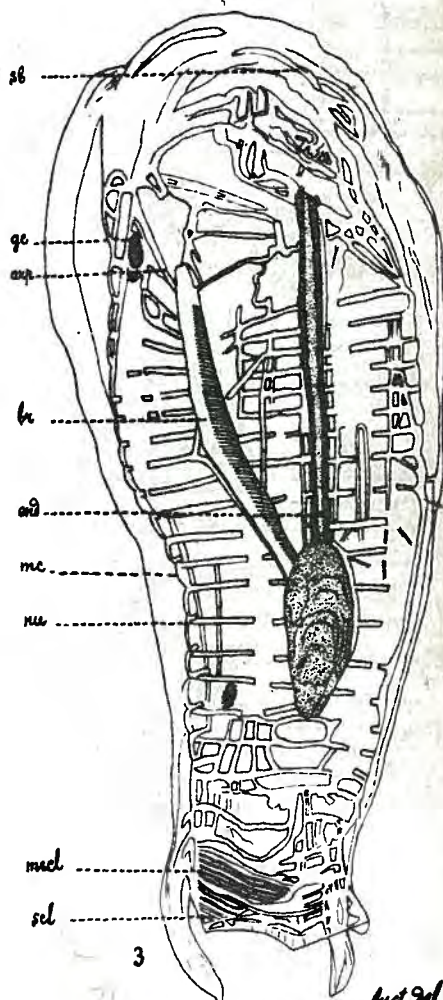
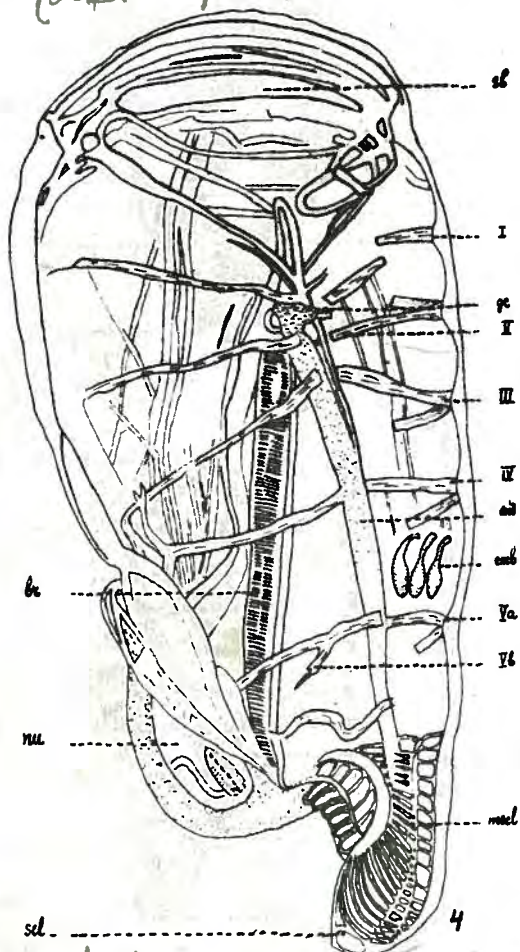
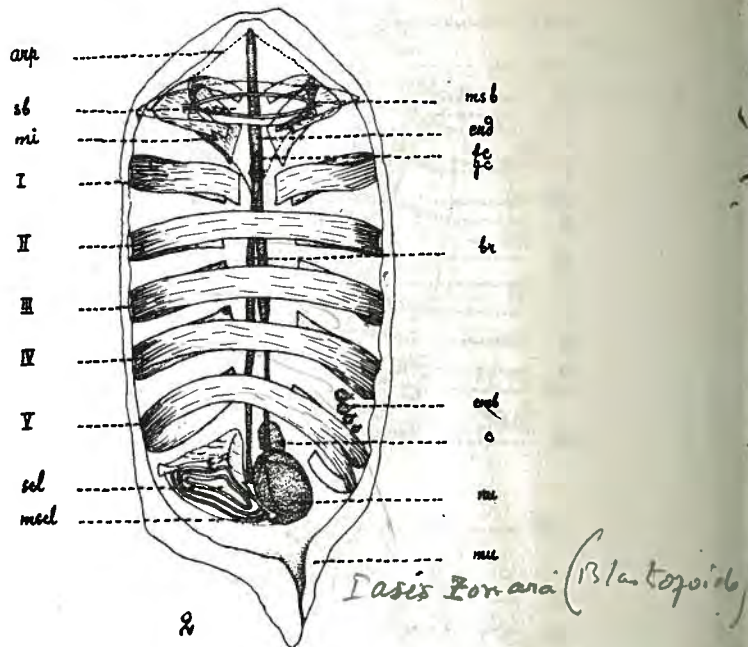
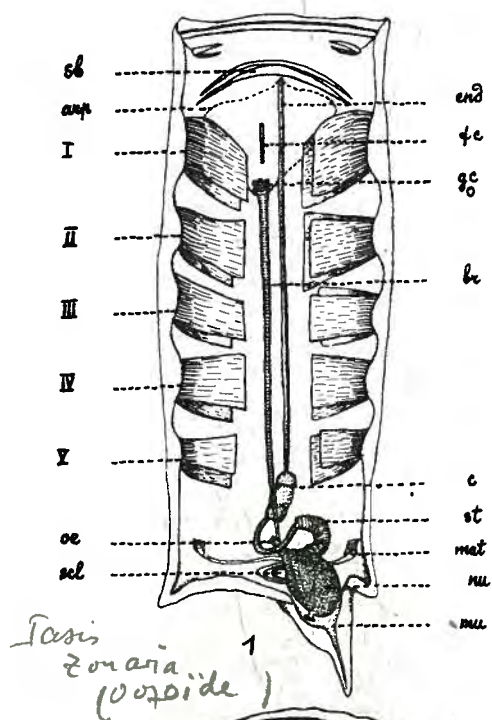


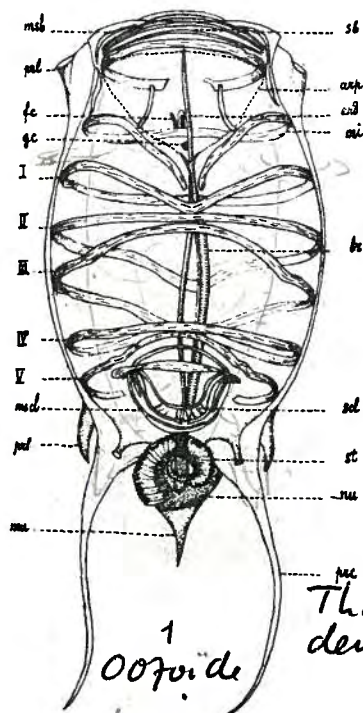
6

Thalia democrática
(embryon avant eclosion)

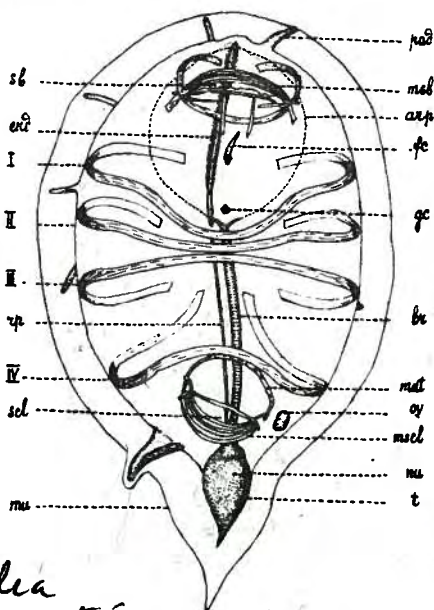
Auct. Del.



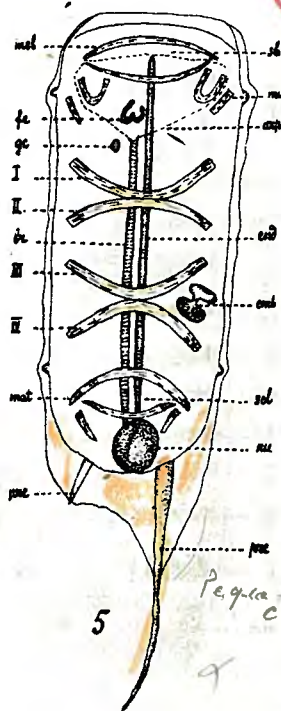




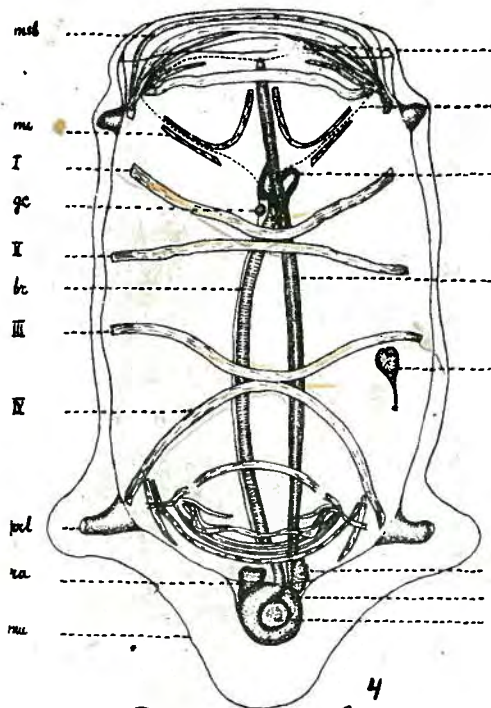
Thalia demersatica
Oothoide



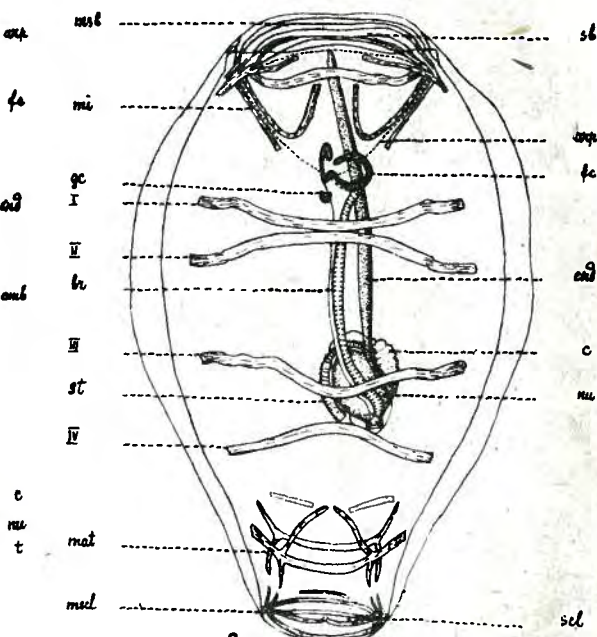
Blastopode



Pegea confederata
Oothoide

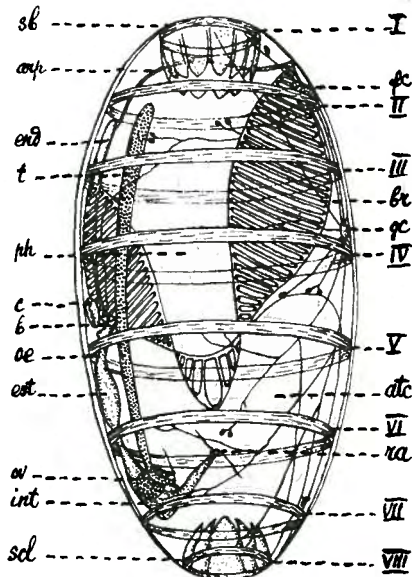


Pegea confederata
(Blastopode)

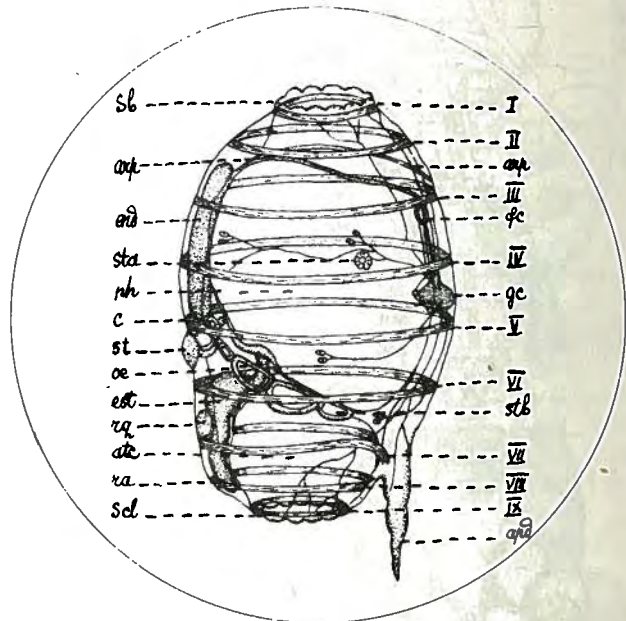


Pegea confederata
(Oothoide)

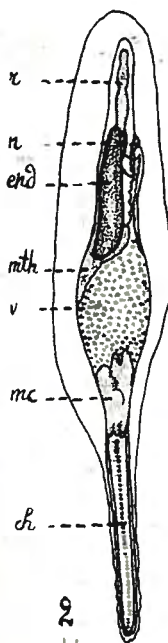
Aust. Del.



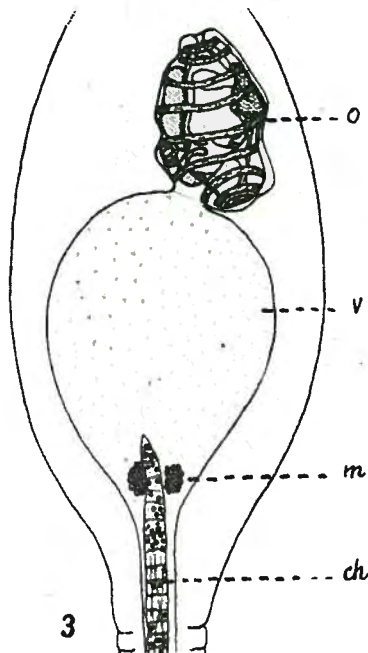
1 *D. dentatulum*



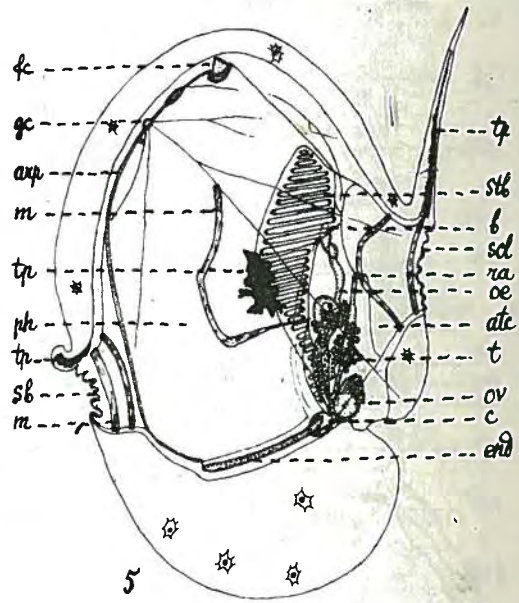
4 *D. dentatulum*



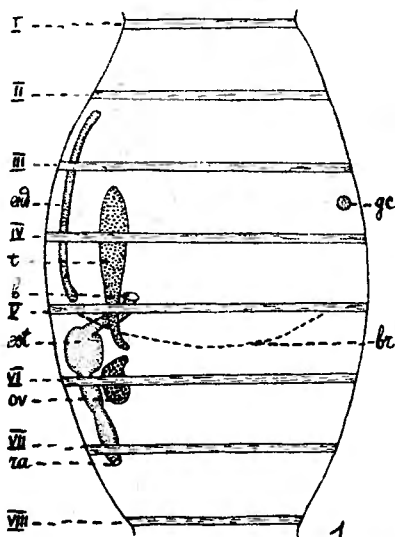
2 *D. mulleri*



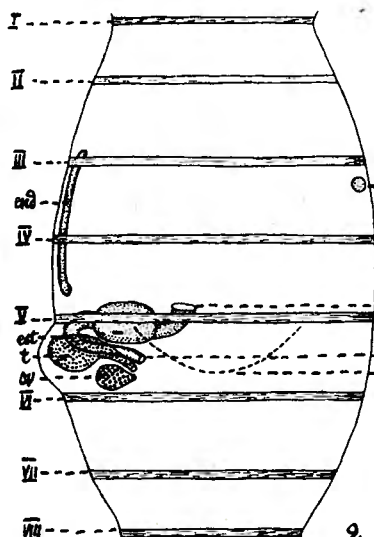
3 *D. mulleri*



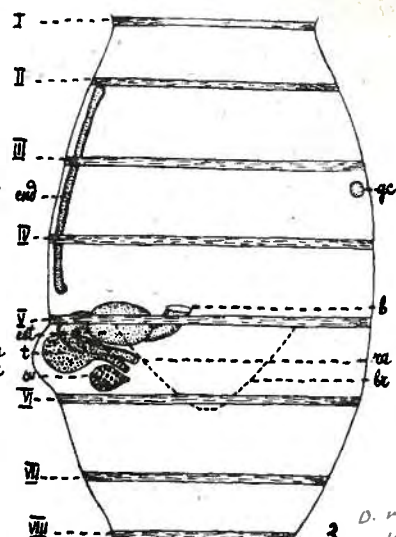
5 *Dolioptus*
(= *Anchinia*) *rubescens*
Aut. ed.



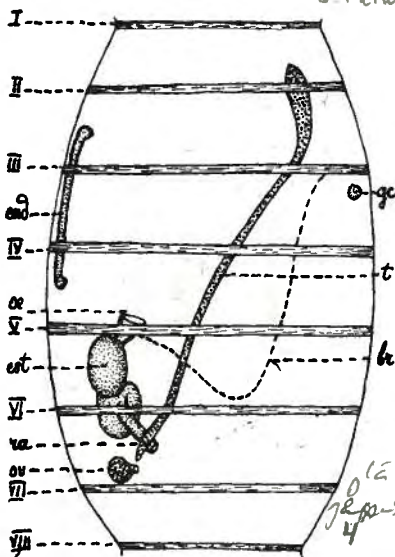
1 *D. rerum*



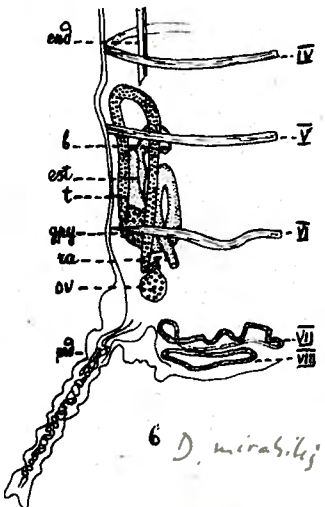
2 *D. mulleri*



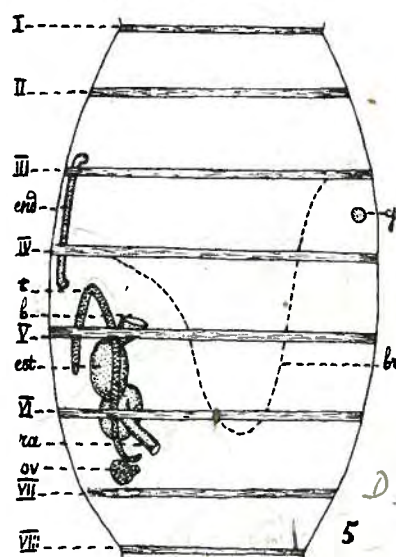
3 *D. mulleri* - *ver. lechumi*



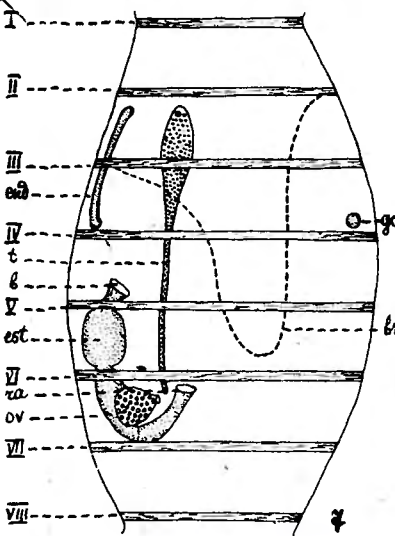
4 *D. grandis*



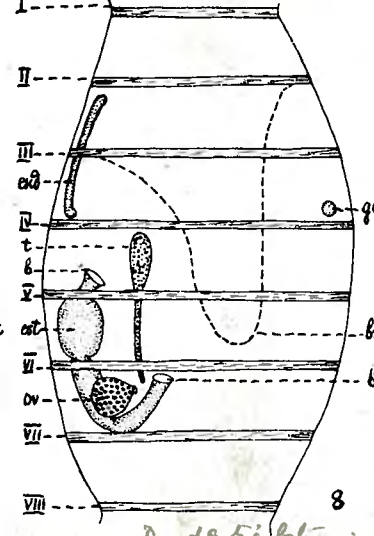
6 *D. mirabilis*



5 *D. mirabilis*

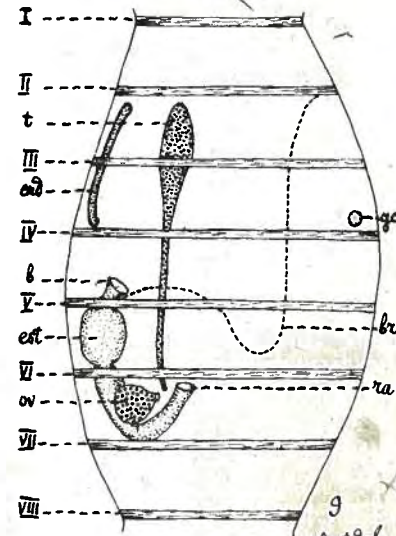


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8

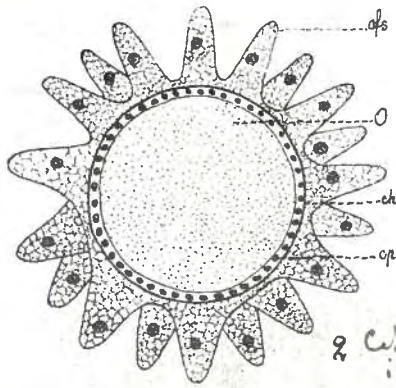
D. detrita



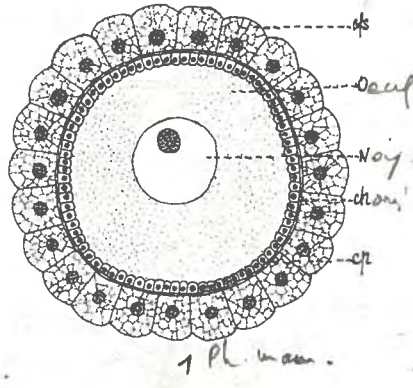
9

D. detrita

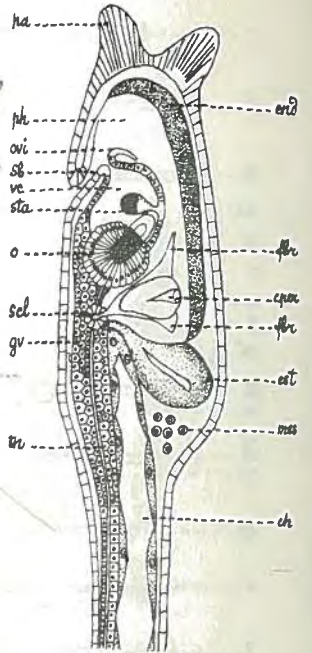
♀ follicle operculatus,
ch. charon
cp. & perivitellin d. test



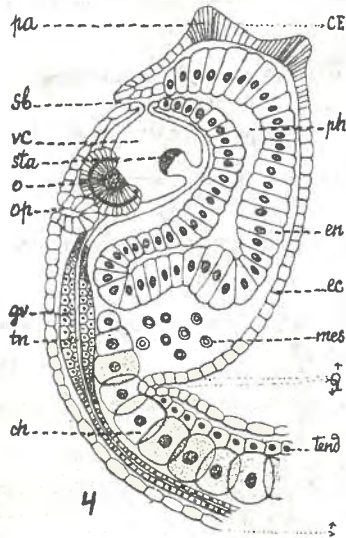
2 *Ciona* infest.



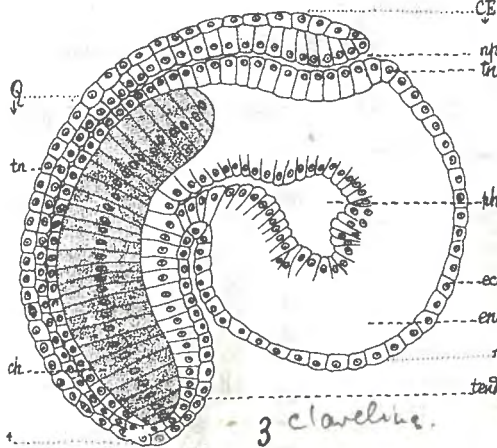
1 *Ph. man.*



5 *Phellusia* m.
mamillata

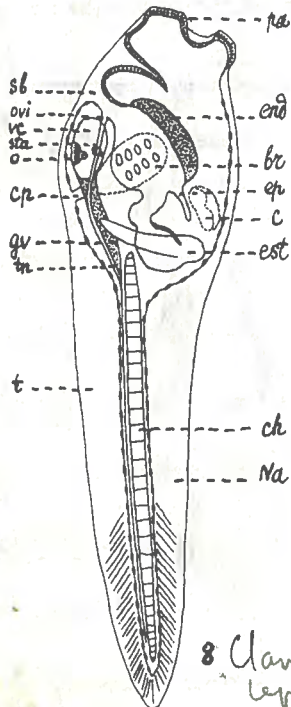


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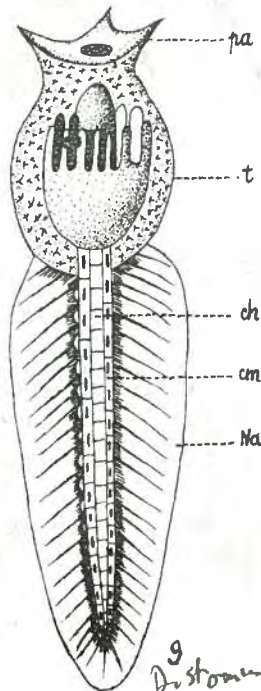


3 *Clavelina*.

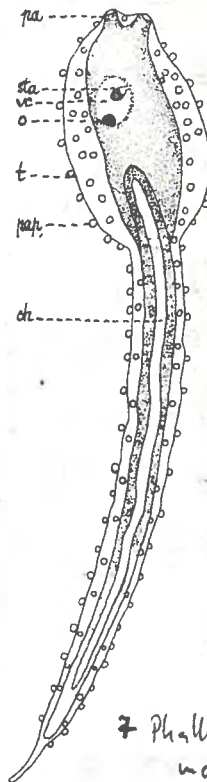
Ascidia.



8 *Clavelina*
leopardif.



9 *Dostomer*



7 *Phallusia*
mamillata



6 *Ciona* infest.
aut. Del.

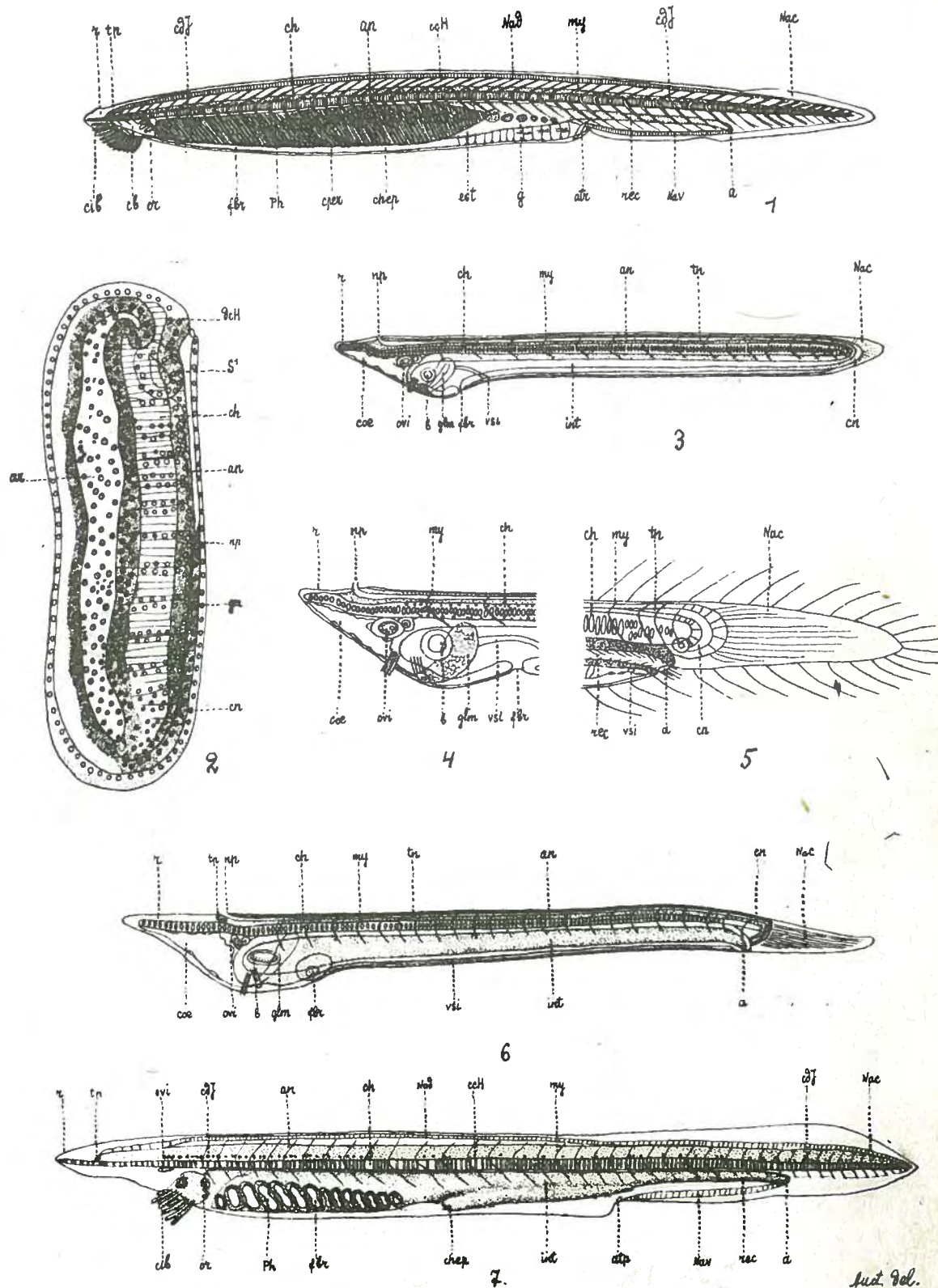
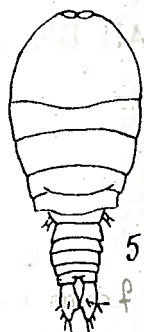
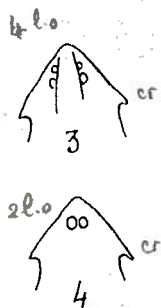
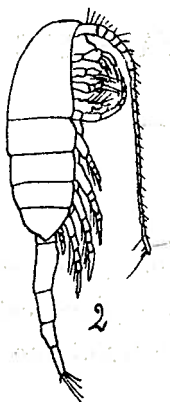
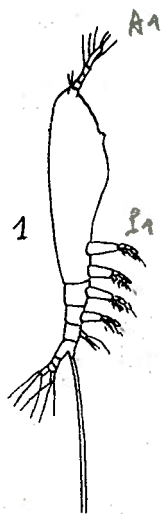




TABLEAU DE DIAGNOSE DES FAMILLES ET DES GENRES

Ce tableau remis au point avec ses figures,
dans les pages suivantes, remplace celui qui se
trouve aux pages 442 à 446 du volume I.

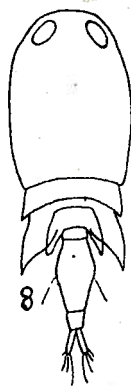
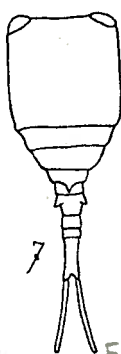


Sapphirina ♀

f = palps

Corycaidae

Sapphirina ♂

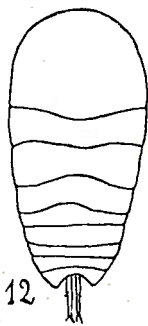


F = bitonants



3' 3' 3'

g. Vettoria



Copilia ♂



Pleuromamma



♀

Metridia

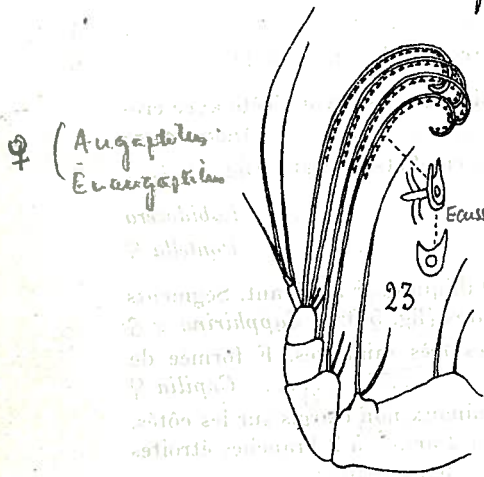
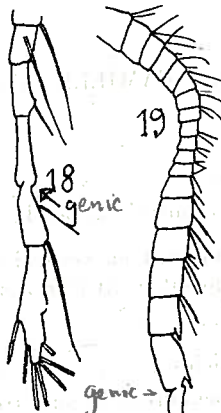
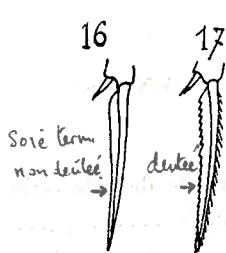
TABLEAU DE DIAGNOSE DES FAMILLES ET DES GENRES

1. Aucun appendice n'existe entre A_1 et P_1 (fig. 1).....	Famille des MONSTRILLIDAE.	
— Dans cette région, au moins 2 et plus souvent 5 paires d'appendices (fig. 2).....		2
2. Tête munie de lentilles oculaires chitineuses, formant en général saillie sur le bord antérieur du front, parfois placées un peu ventralement ou dorsalement (fig. 3 à 11).....		3
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— Céphalosome de forme quadrangulaire; lentilles oculaires frontales très saillantes. F formée de 2 longs bâtonnets souvent divergents (fig. 7).....	<i>Copilia</i> ♀	
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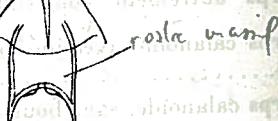
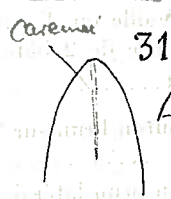
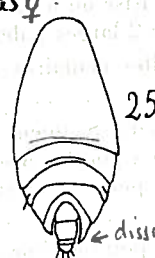
Exopods de P

Heterorhabdus

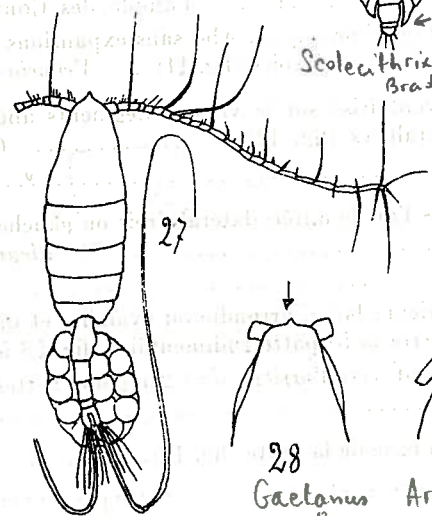
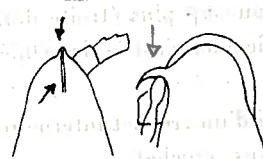
Centropage



Isias ♀

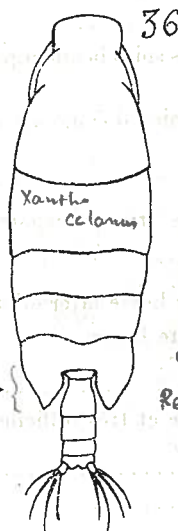
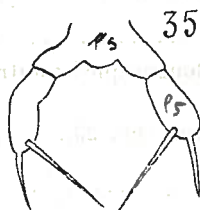
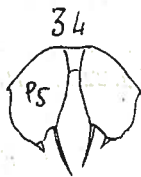


Eucaryptus ♀

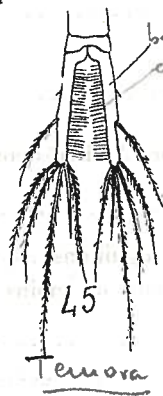
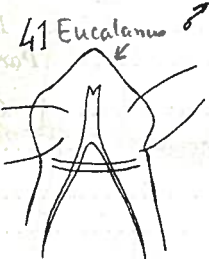
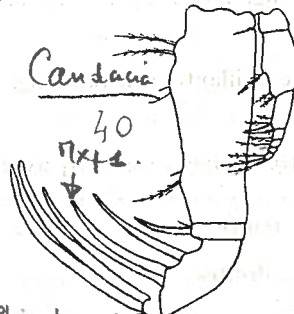


Euchaeta ♀ Pareuchaeta ♀

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Paracalanus ♂



Ps > Abd

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Scolecathrix ♂
Scoleathrix ♂

48

P₅



49



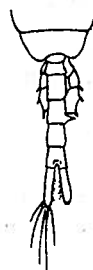
Centropage ♂

50



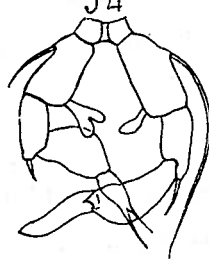
Isias ♂

51



Arctostylus setosus

54



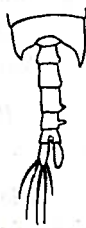
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Pontellopsis

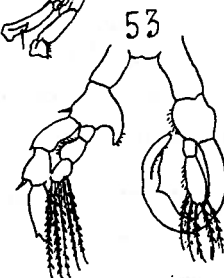
Parapontello

52



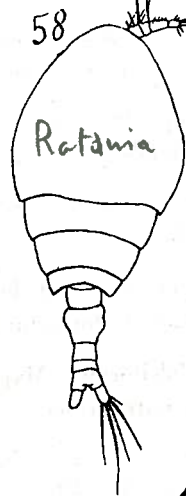
Lucicutia ♂

53



58

Rotania



59



remplis

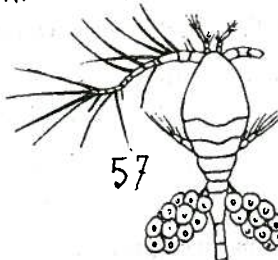
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Lubbockia

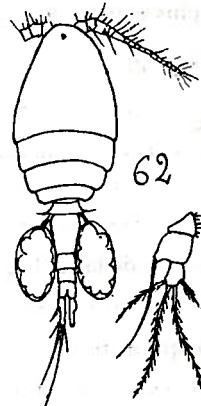
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25.15



57

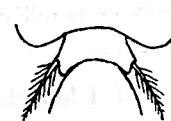
Githona



62

Cyclopina

60



Conaca

61



Oncaea

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56. P_5 massive, ses 2 branches principales de même taille et plus longues que l'abd (fig. 48)	<i>Scolecithrix</i> ♂	
— P_5 plus courte que l'abdomen. A_1 avec grands organes sensoriels rouge vif sur le vivant	<i>Amallothrix auropecten</i> ♂	
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Microsetella

Macrosetella
TX 1/45

Euterpina

63

64

65

66

$T < 0,85 \text{ mm}$

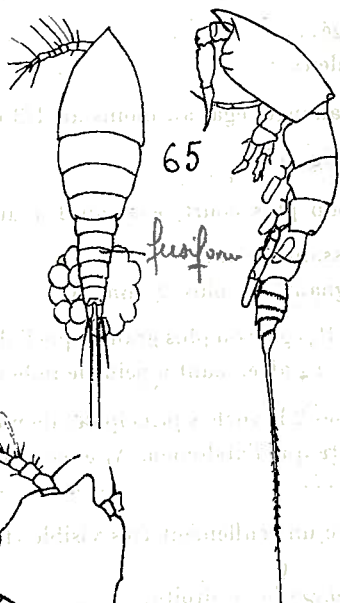
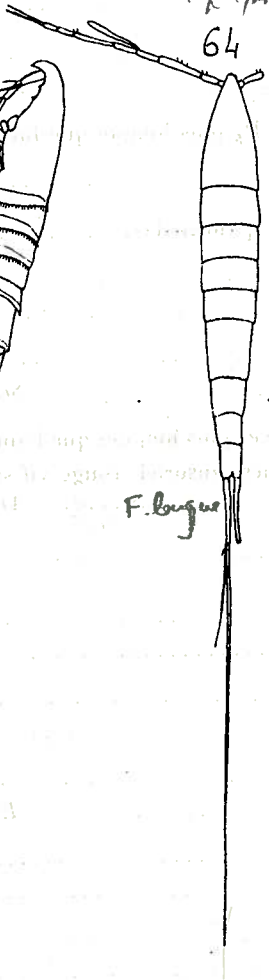
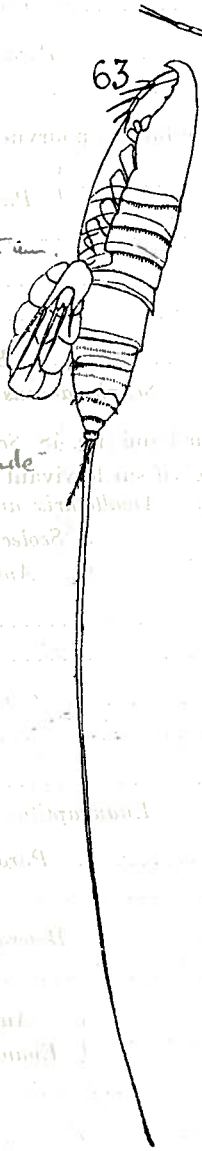
Fecule

F. longue

feculent

exp. lat.

Clytemnestra



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